

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031246.D
 Acq On : 29 Jul 2021 13:34
 Operator : CG/JU
 Sample : M3082-21DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0019DL

Manual Integrations
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Quant Time: Jul 29 14:06:16 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	1655	0.400	ng/ul	0.00
4) Naphthalene-d8	10.378	136	6318	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3747	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7425	0.400	ng/ul	0.00
17) Chrysene-d12	21.182	240	5843	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	5579	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	829	0.451	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	344	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	724	0.037	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.427	128	1798	0.096	ng/ul#	92
7) 2-Methylnaphthalene	12.046	142	1863	0.145	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	1298	0.102	ng/ul	100
10) Acenaphthylene	13.962	152	1668	0.105	ng/ul	93
12) Fluorene	15.296	166	501	0.032	ng/ul#	87
15) Phenanthrene	17.033	178	11329	0.480	ng/ul	99
16) Anthracene	17.123	178	1948	0.088	ng/ul#	92
19) Fluoranthene	19.050	202	22776	0.913	ng/ul	97
20) Pyrene	19.416	202	17843	0.705	ng/ul	96
21) Benzo(a)anthracene	21.165	228	9914	0.420	ng/ul	94
22) Chrysene	21.218	228	12445	0.510	ng/ul	97
24) Benzo(b)fluoranthene	22.702	252	15569m	0.619	ng/ul	
25) Benzo(k)fluoranthene	22.741	252	5878m	0.226	ng/ul	
26) Benzo(a)pyrene	23.254	252	7454	0.339	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.493	276	6397	0.225	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.500	278	1844	0.080	ng/ul#	56
29) Benzo(g,h,i)perylene	26.152	276	648	0.027	ng/ul#	37

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

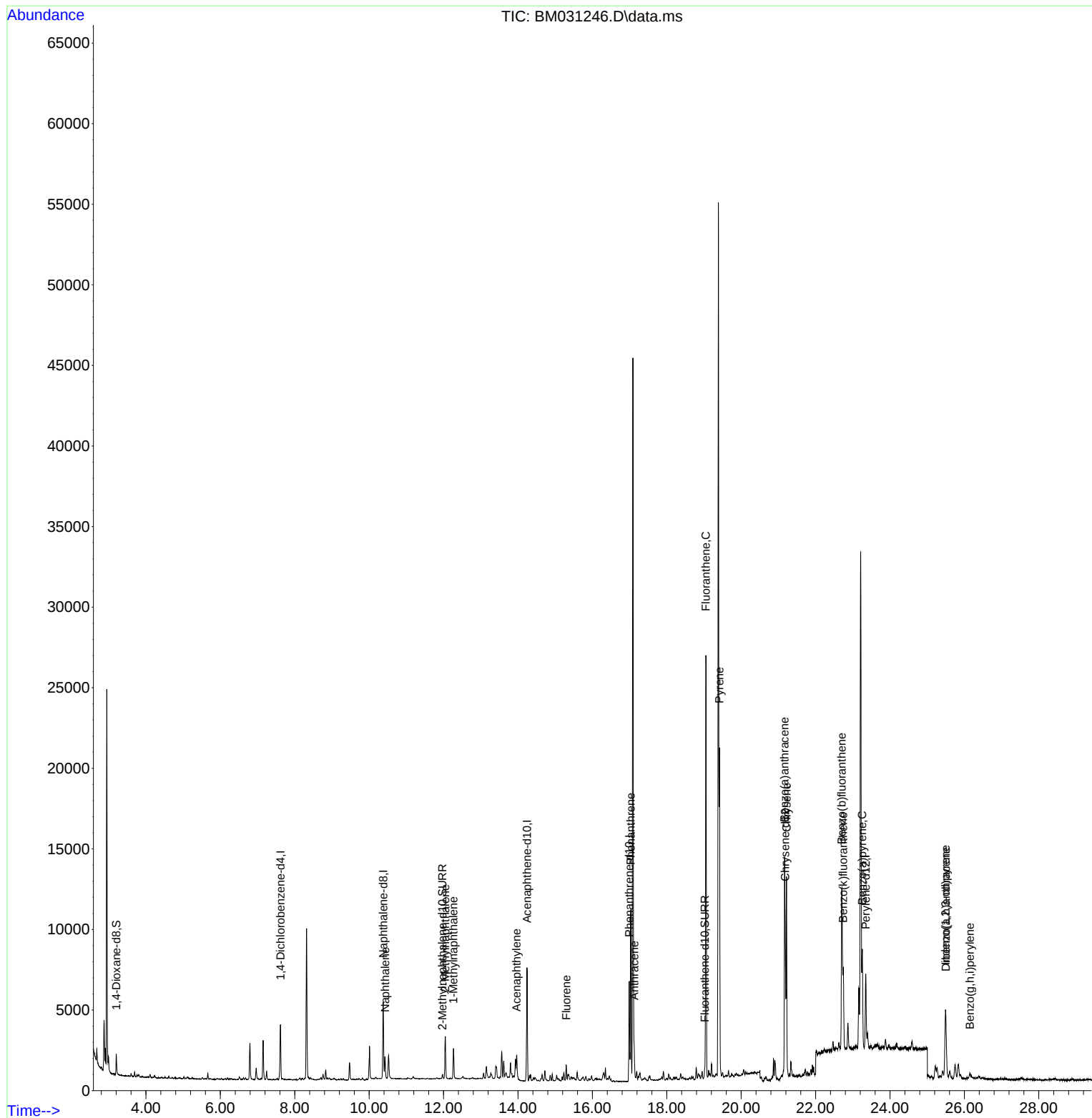
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031246.D
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Operator : CG/JU
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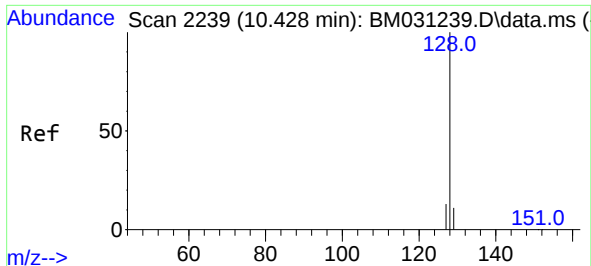
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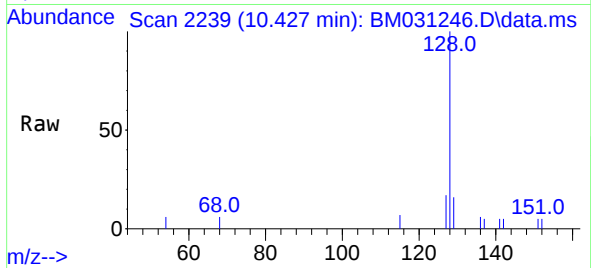
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Quant Time: Jul 29 14:06:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 13:28:21 2021
Response via : Initial Calibration

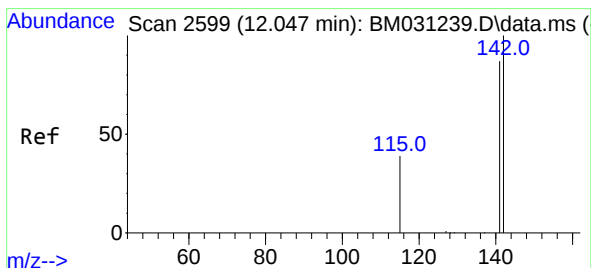
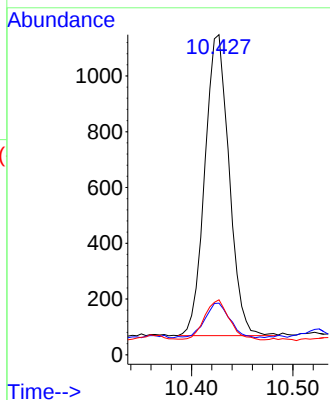
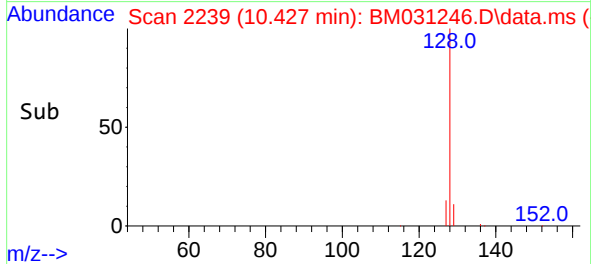




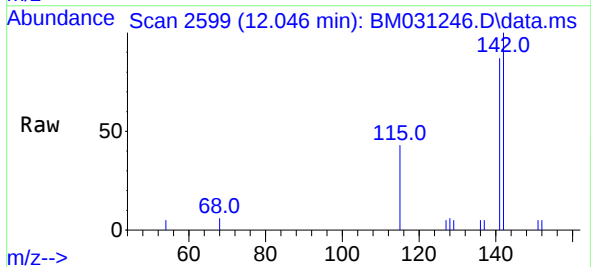
#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.427 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34



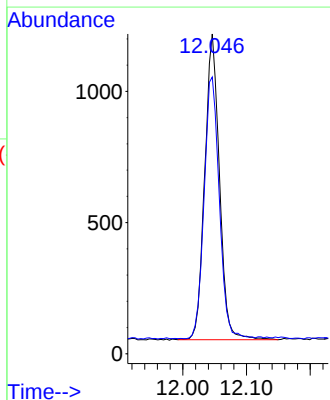
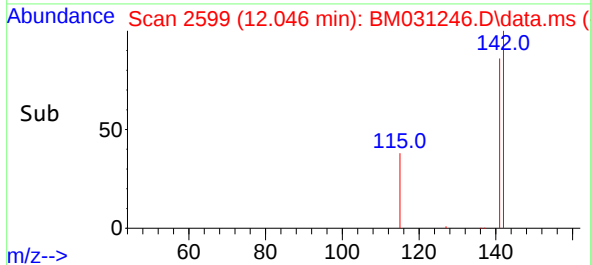
Tgt Ion:128 Resp: 1798
Ion Ratio Lower Upper
128 100
129 16.1 10.0 15.0#
127 17.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 12.046 min Scan# 2599
Delta R.T. -0.001 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34



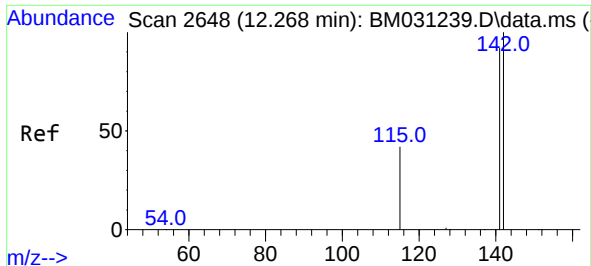
Tgt Ion:142 Resp: 1863
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0



Instrument :
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ClientSampleId :
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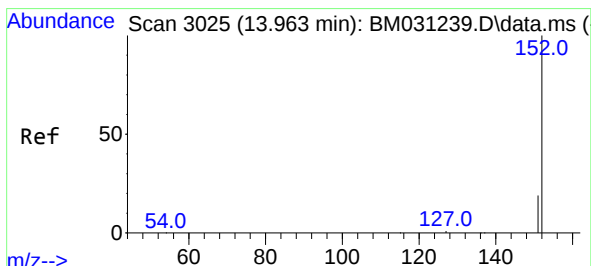
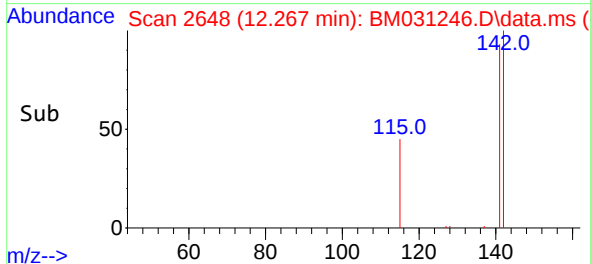
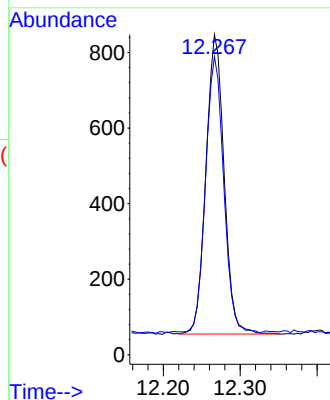
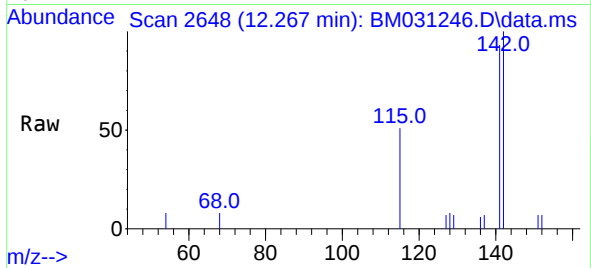
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1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.267 min Scan# 2648
Delta R.T. -0.001 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

Tgt Ion:142 Resp: 1298
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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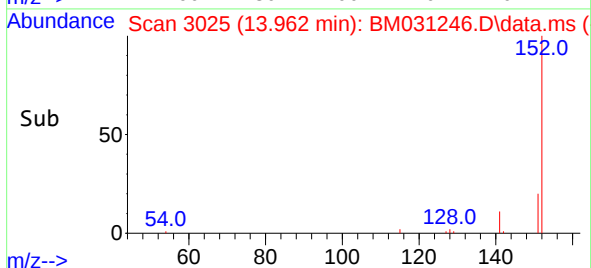
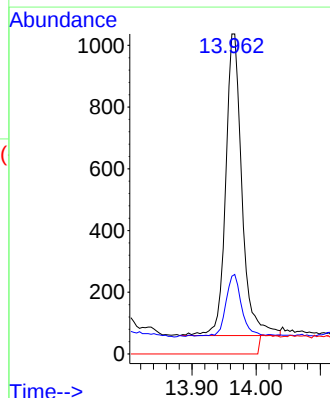
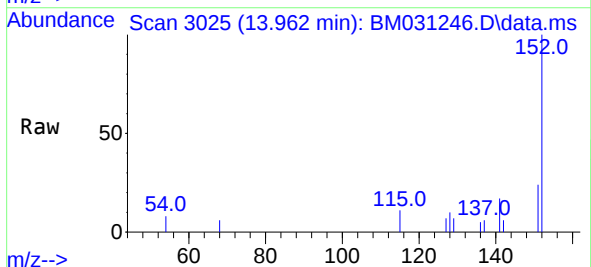
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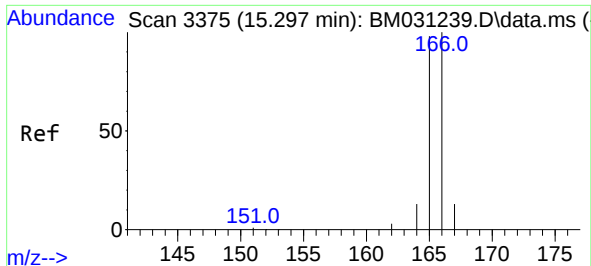
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#10
Acenaphthylene
Concen: 0.105 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. -0.001 min
Lab File: BM031246.D
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Tgt Ion:152 Resp: 1668
Ion Ratio Lower Upper
152 100
151 24.3 16.9 25.3
153 0.0 0.0 0.0





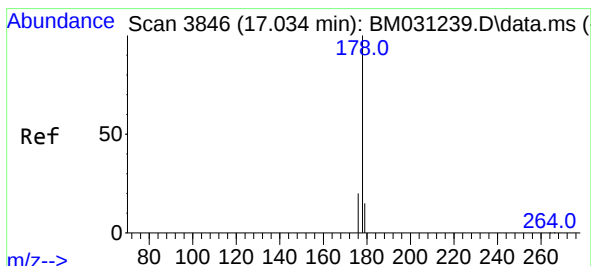
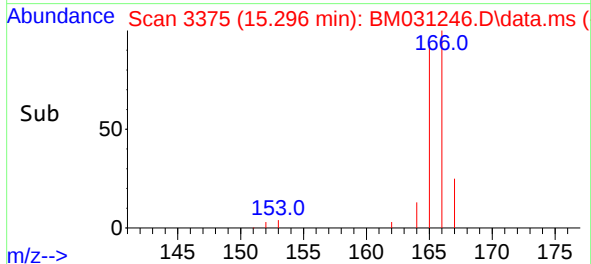
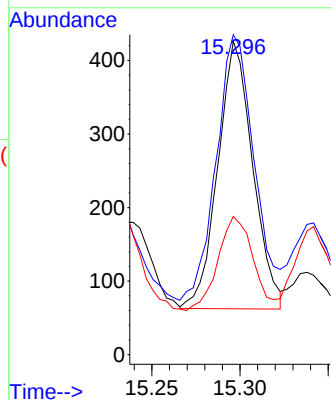
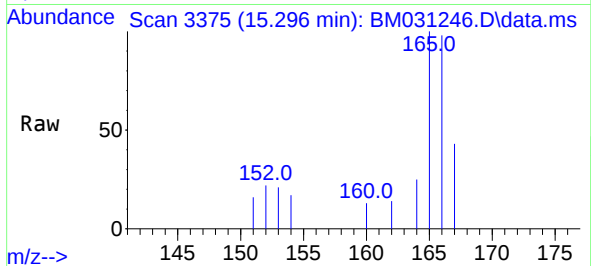
#12
Fluorene
Concen: 0.032 ng/u1
RT: 15.296 min Scan# 3375
Delta R.T. -0.001 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.0	117.0
167	44.1	12.0	18.0#

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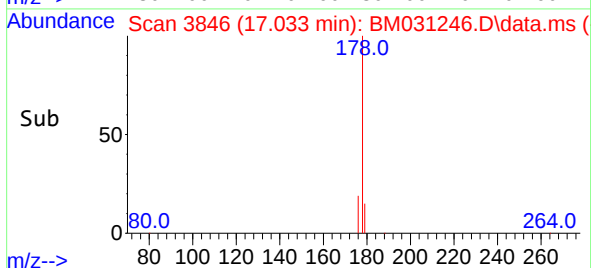
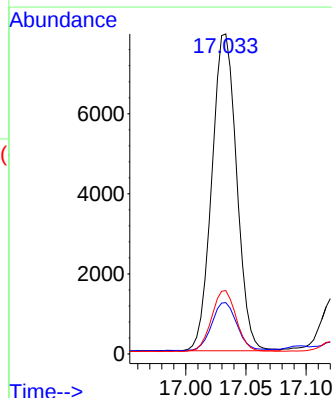
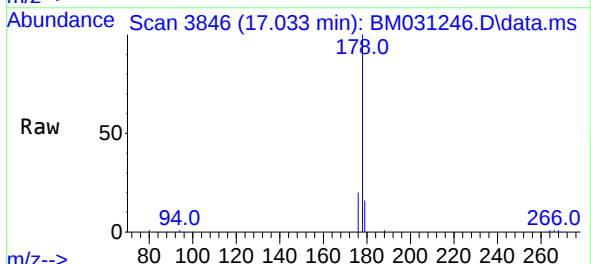
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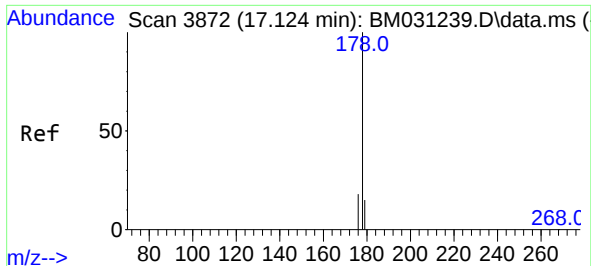
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#15
Phenanthrene
Concen: 0.480 ng/u1
RT: 17.033 min Scan# 3846
Delta R.T. -0.001 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

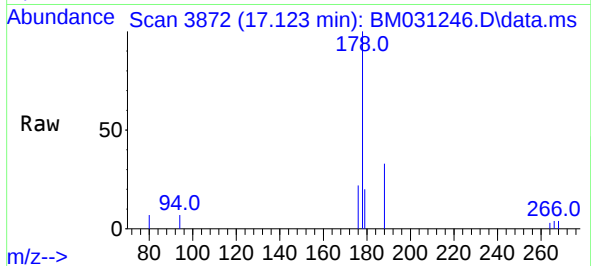
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.3	19.9
176	19.8	16.2	24.4





#16
 Anthracene
 Concen: 0.088 ng/ul
 RT: 17.123 min Scan# 3872
 Delta R.T. -0.001 min
 Lab File: BM031246.D
 Acq: 29 Jul 2021 13:34

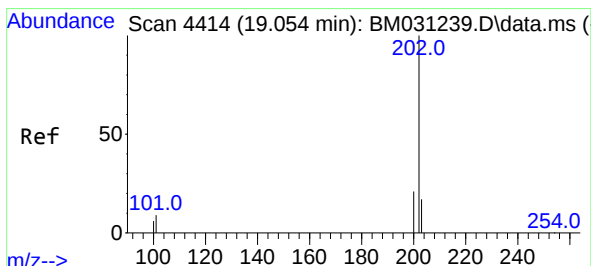
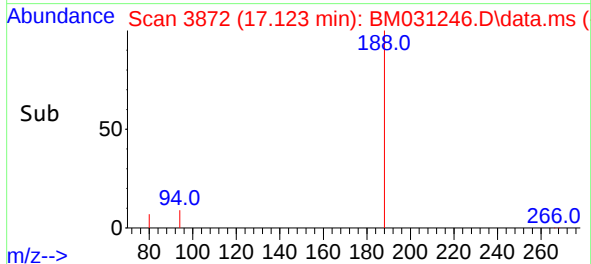
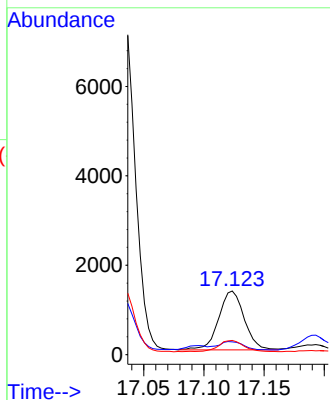
Instrument :
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 ClientSampleID :
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Tgt Ion:178 Resp: 1948
 Ion Ratio Lower Upper
 178 100
 179 20.1 13.0 19.6#
 176 22.4 15.6 23.4

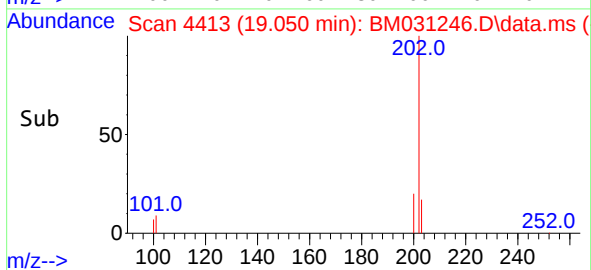
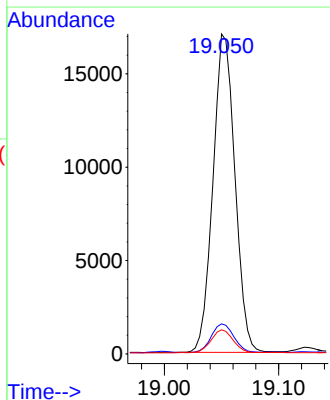
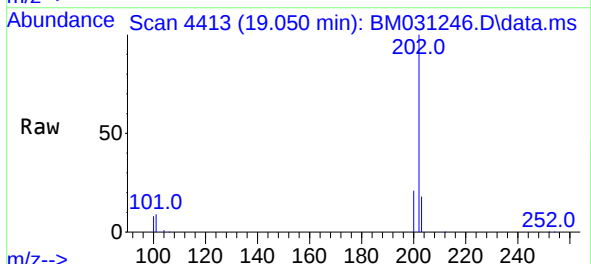
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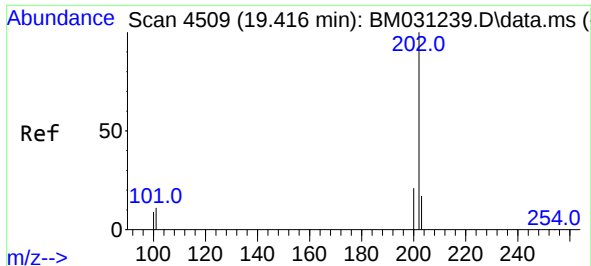
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#19
 Fluoranthene
 Concen: 0.913 ng/ul
 RT: 19.050 min Scan# 4413
 Delta R.T. -0.004 min
 Lab File: BM031246.D
 Acq: 29 Jul 2021 13:34

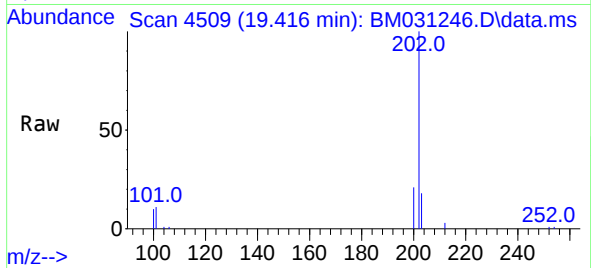
Tgt Ion:202 Resp: 22776
 Ion Ratio Lower Upper
 202 100
 101 9.4 6.6 10.0
 100 7.6 5.4 8.0





#20
Pyrene
Concen: 0.705 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.001 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

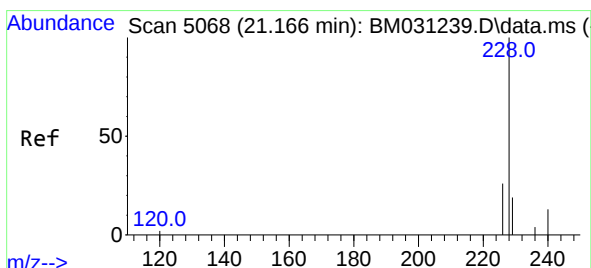
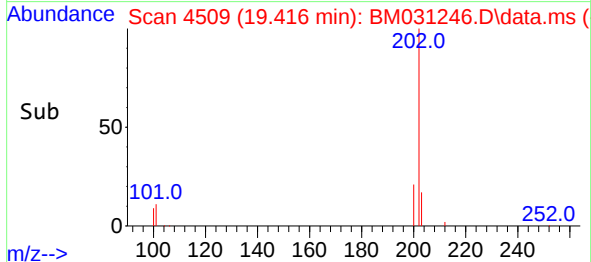
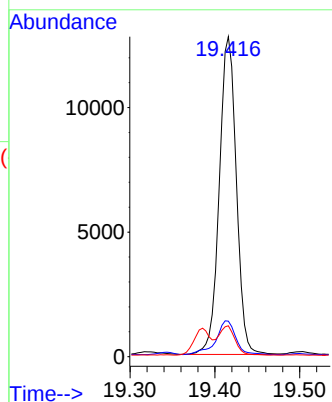
Instrument :
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Tgt Ion:202 Resp: 17843
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 9.6 6.6 10.0

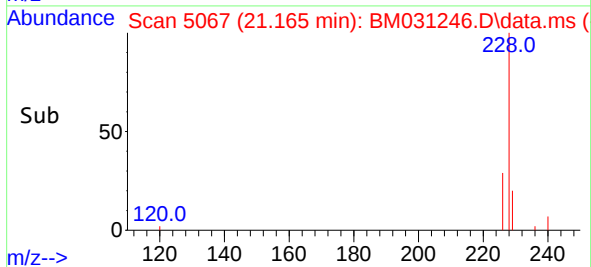
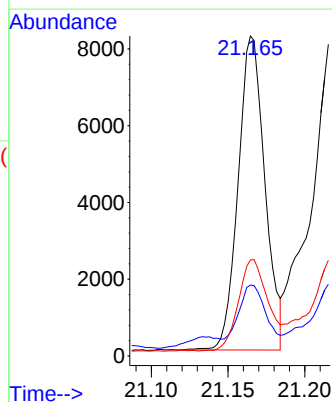
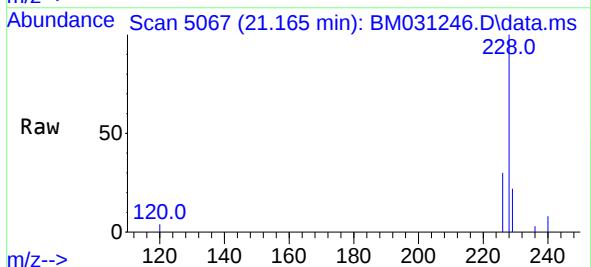
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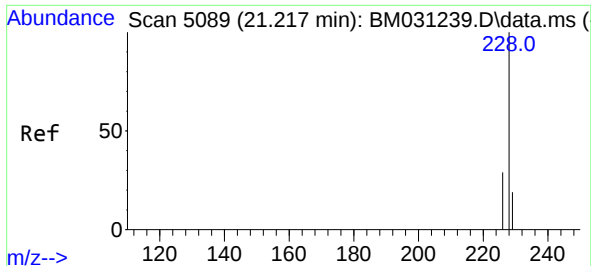
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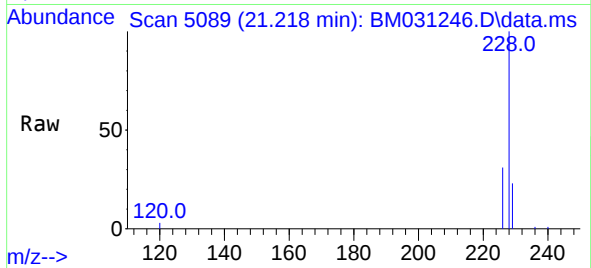
#21
Benzo(a)anthracene
Concen: 0.420 ng/u1
RT: 21.165 min Scan# 5067
Delta R.T. -0.002 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

Tgt Ion:228 Resp: 9914
Ion Ratio Lower Upper
228 100
229 22.1 15.6 23.4
226 30.0 21.7 32.5

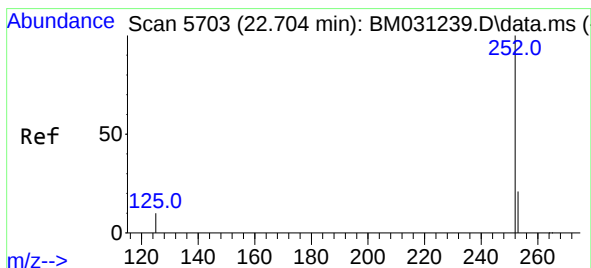
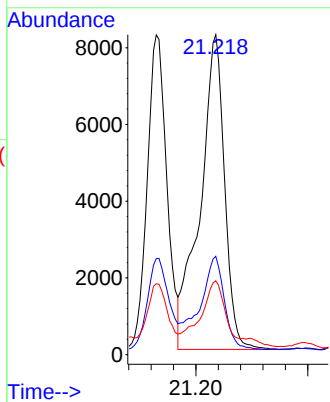
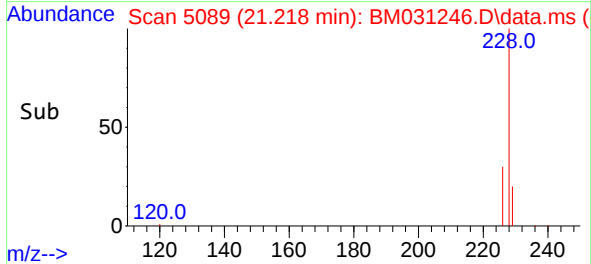




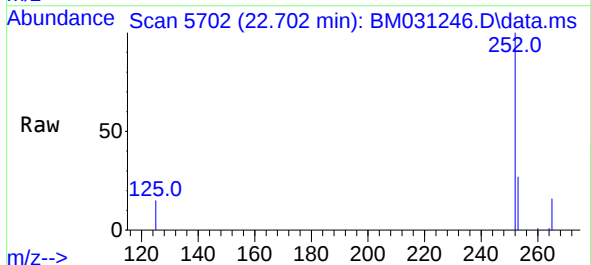
#22
Chrysene
Concen: 0.510 ng/ul
RT: 21.218 min Scan# 5089
Delta R.T. 0.001 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34



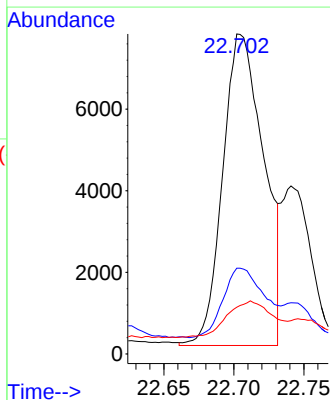
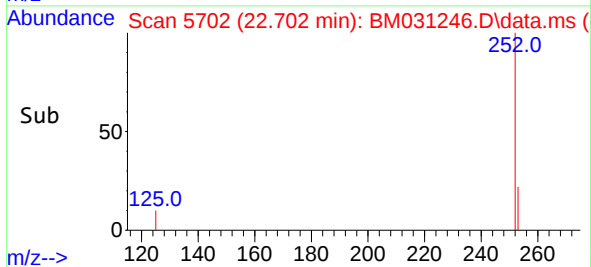
Tgt Ion:228 Resp: 12445
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 23.1 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.619 ng/ul m
RT: 22.702 min Scan# 5702
Delta R.T. -0.002 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34



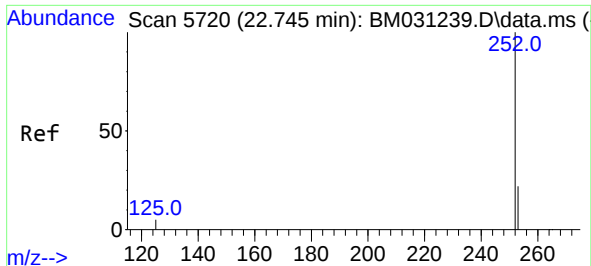
Tgt Ion:252 Resp: 15569
Ion Ratio Lower Upper
252 100
253 26.8 0.0 53.0
125 14.6 0.0 22.8



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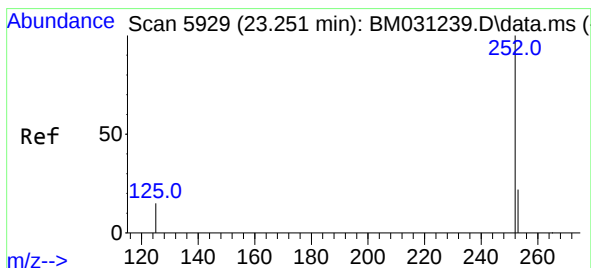
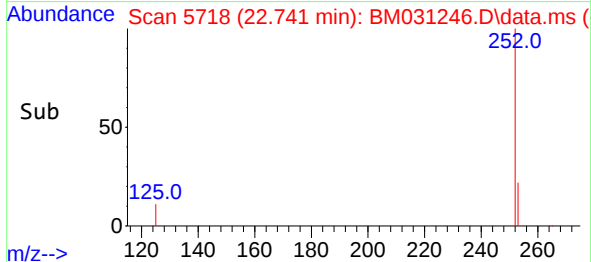
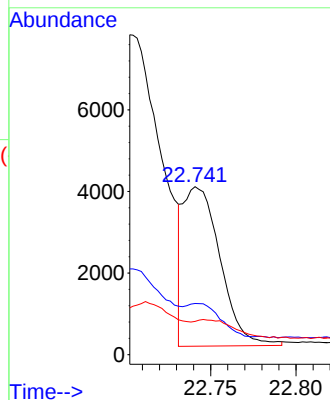
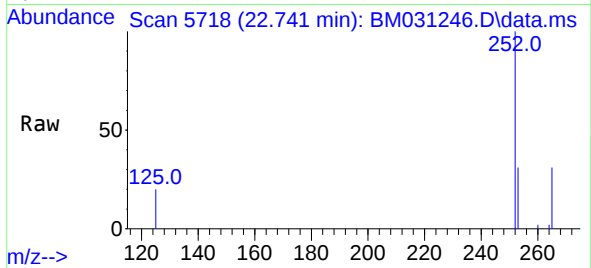
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Benzo(k)fluoranthene
Concen: 0.226 ng/ul m
RT: 22.741 min Scan# 5718
Delta R.T. -0.004 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

Tgt Ion:252 Resp: 5878
Ion Ratio Lower Upper
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253 30.5 21.3 31.9
125 19.9 8.8 13.2#

Instrument :
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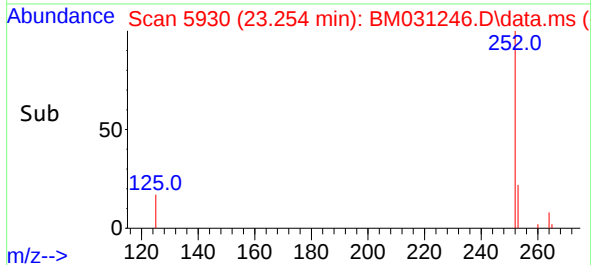
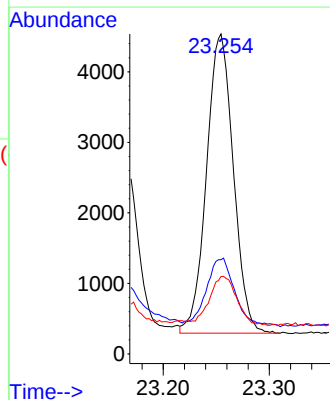
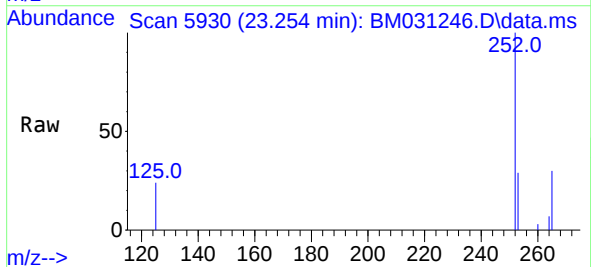
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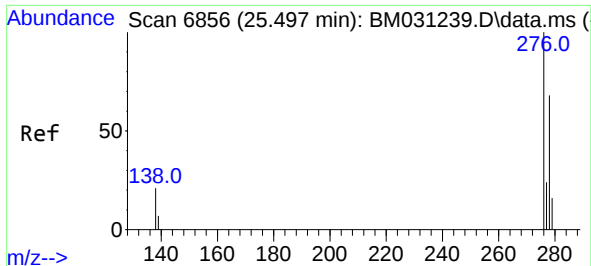
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#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. 0.003 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

Tgt Ion:252 Resp: 7454
Ion Ratio Lower Upper
252 100
253 29.5 22.4 33.6
125 24.2 13.0 19.4#





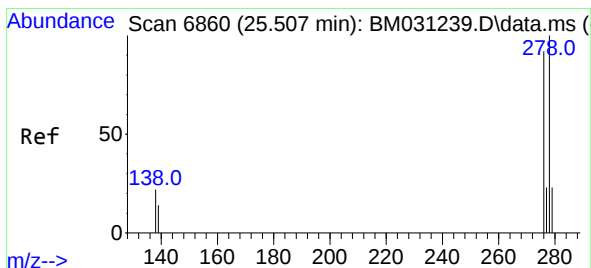
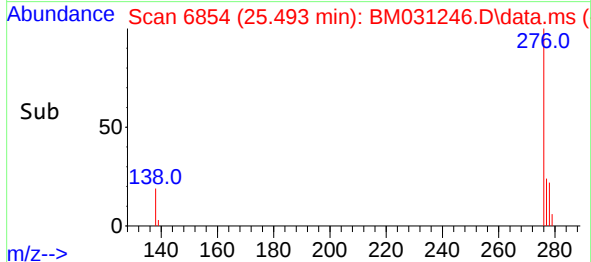
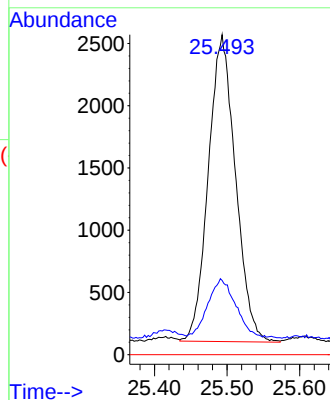
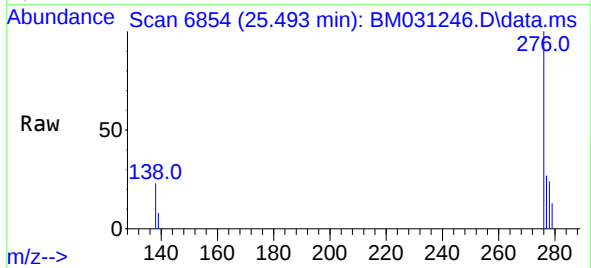
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 25.493 min Scan# 6854
Delta R.T. -0.004 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

Tgt Ion:	276	Resp:	6397
Ion Ratio	Lower	Upper	
276	100		
138	20.4	15.8	23.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
C0019DL

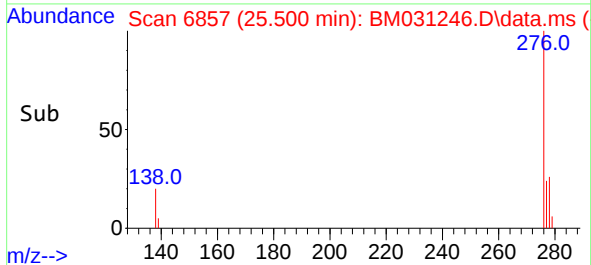
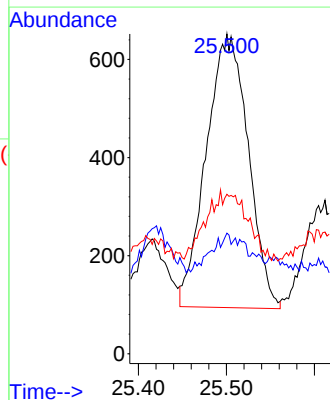
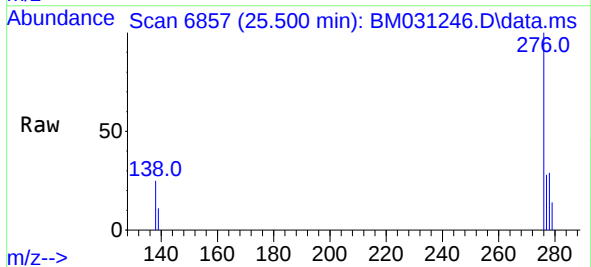
Manual Integrations
APPROVED

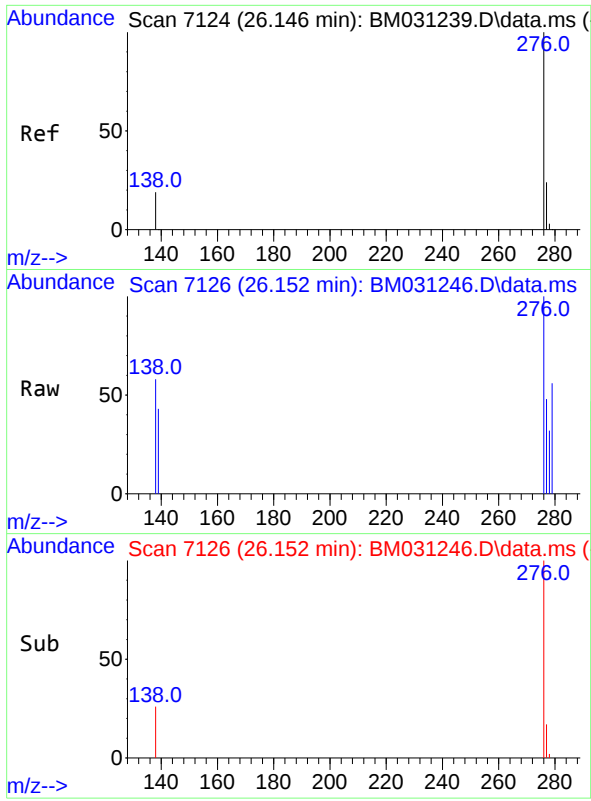
mohammad
7/30/2021 12:01:55 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.500 min Scan# 6857
Delta R.T. -0.006 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

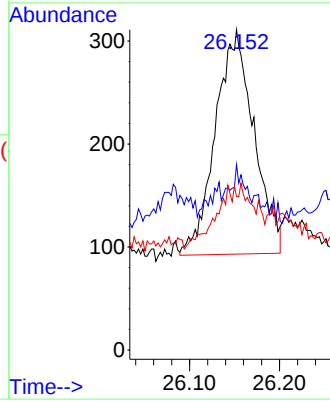
Tgt Ion:	278	Resp:	1844
Ion Ratio	Lower	Upper	
278	100		
139	37.7	13.3	19.9#
279	49.8	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 26.152 min Scan# 7126
Delta R.T. 0.006 min
Lab File: BM031246.D
Acq: 29 Jul 2021 13:34

Tgt Ion: 276 Resp: 648
Ion Ratio Lower Upper
276 100
138 57.9 15.4 23.2#
277 47.9 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0019DL

Manual Integrations
APPROVED

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