

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031698.D
 Acq On : 13 Aug 2021 04:41
 Operator : CG/JU
 Sample : M3182-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C8

Manual Integrations
 APPROVED

mohammad
 8/13/2021 5:15:01 PM

Quant Time: Aug 13 05:12:11 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	1090	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	3983	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2548	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4592	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	4034	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4312	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	2945	2.433	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1300	0.194	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	2749	0.204	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	28105	2.369	ng/ul	97
7) 2-Methylnaphthalene	11.998	142	17600	2.171	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	8490	1.060	ng/ul	99
10) Acenaphthylene	13.923	152	39363	3.627	ng/ul	97
11) Acenaphthene	14.265	153	1261m	0.138	ng/ul	
12) Fluorene	15.259	166	2657	0.253	ng/ul#	87
15) Phenanthrene	16.992	178	79459	5.449	ng/ul	97
16) Anthracene	17.086	178	32773	2.401	ng/ul	98
19) Fluoranthene	19.016	202	246658	14.319	ng/ul	97
20) Pyrene	19.382	202	238355	13.643	ng/ul	97
21) Benzo(a)anthracene	21.135	228	180274	11.067	ng/ul	96
22) Chrysene	21.185	228	215570	12.791	ng/ul	98
24) Benzo(b)fluoranthene	22.667	252	316643m	16.298	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	102615m	5.112	ng/ul	
26) Benzo(a)pyrene	23.212	252	184364	10.836	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.434	276	136005	6.184	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.441	278	33467	1.888	ng/ul	98
29) Benzo(g,h,i)perylene	26.088	276	38005	2.026	ng/ul	98

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

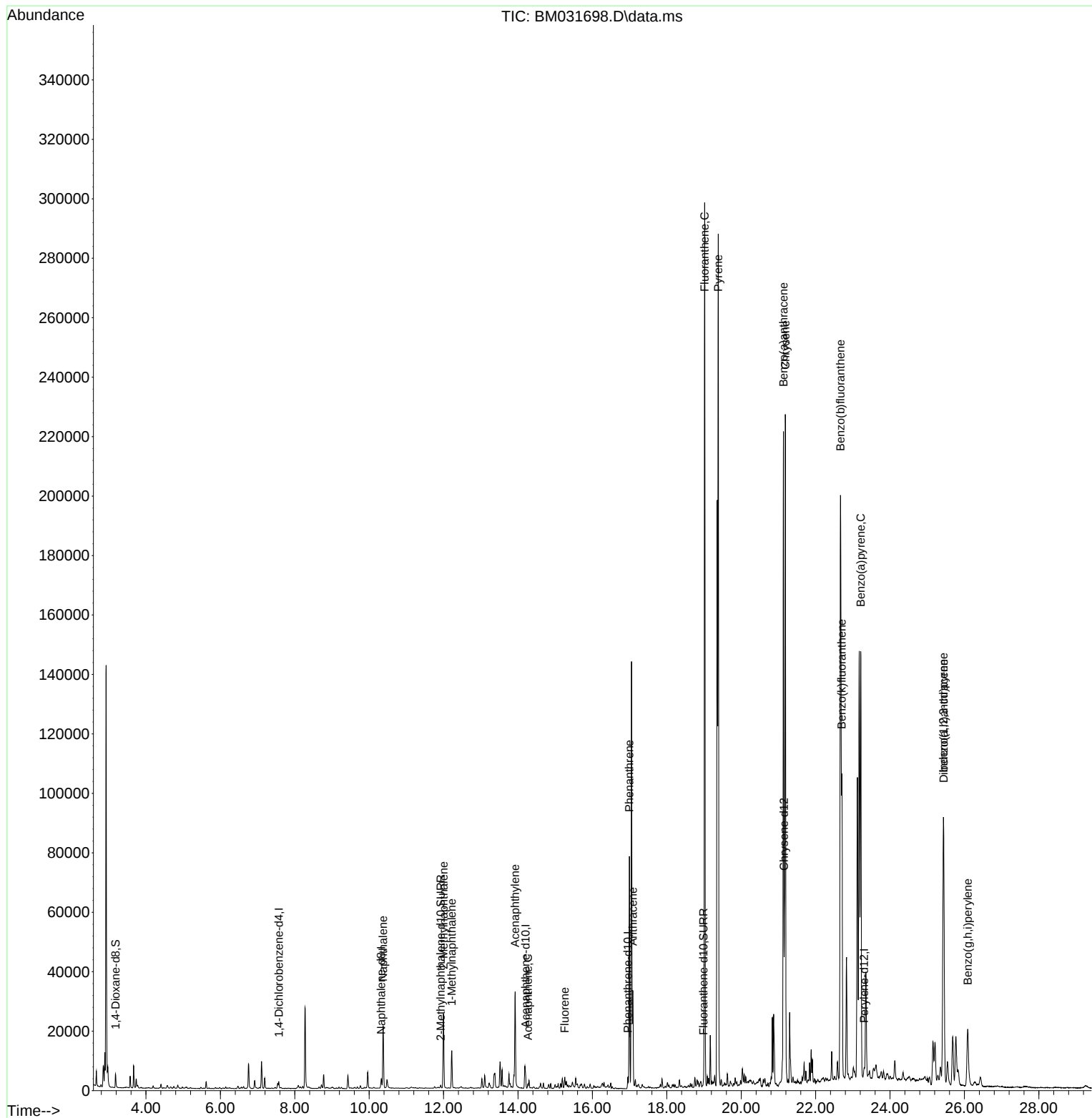
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Data File : BM031698.D
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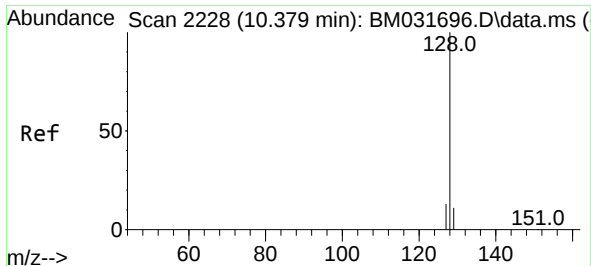
Instrument :
BNA_M
ClientSampleId :
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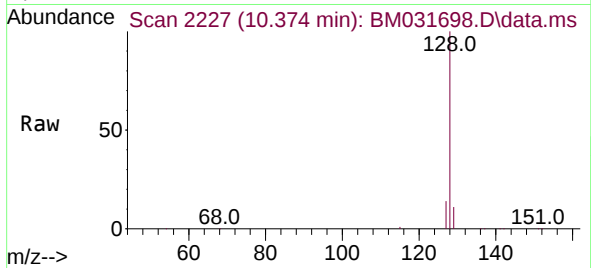
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Quant Time: Aug 13 05:12:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

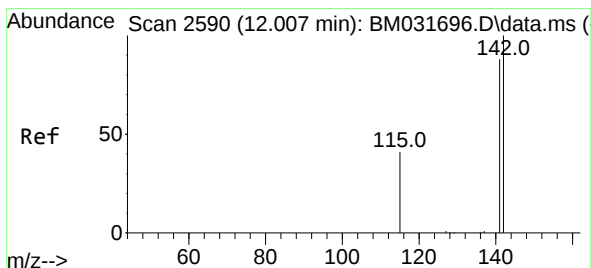
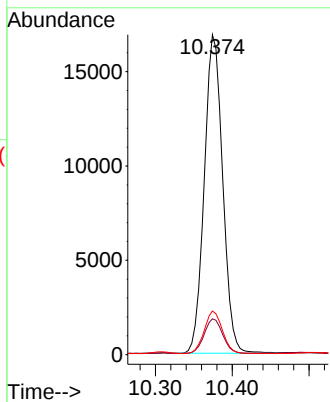
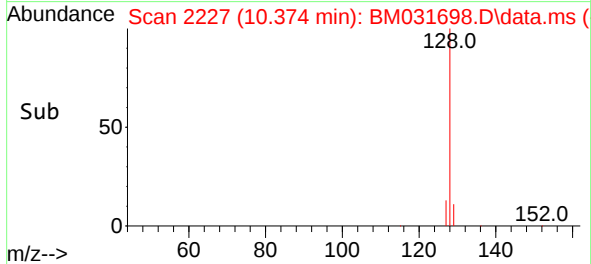




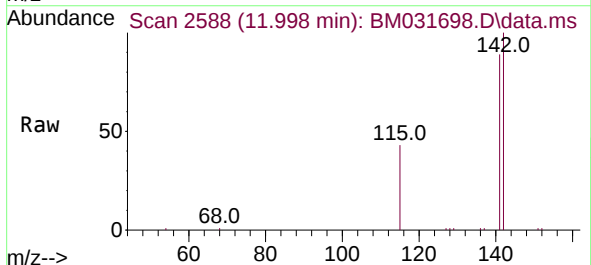
#5
Naphthalene
Concen: 2.369 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41



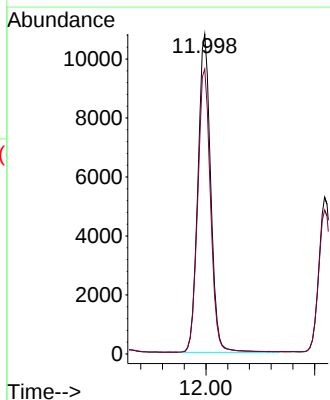
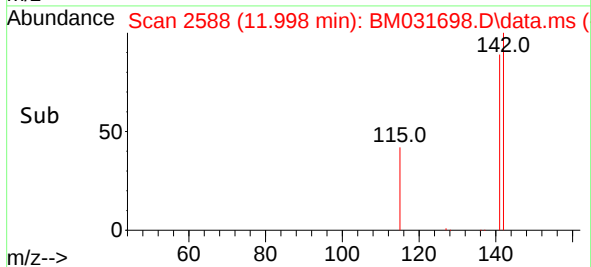
Tgt Ion:128 Resp: 28105
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 2.171 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41



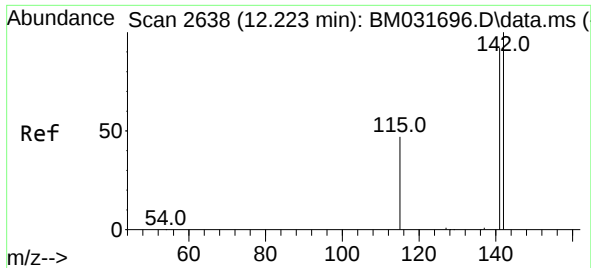
Tgt Ion:142 Resp: 17600
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0



Instrument :
BNA_M
ClientSampled :
C00C8

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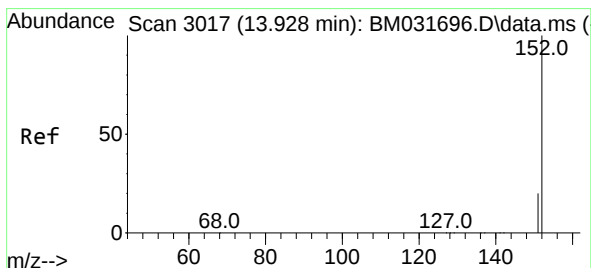
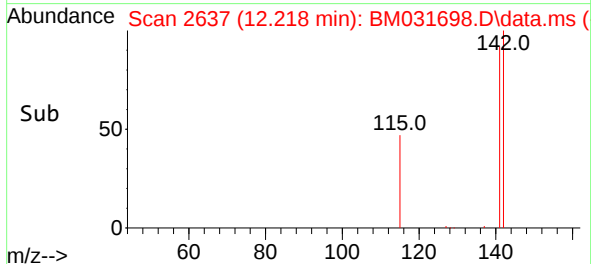
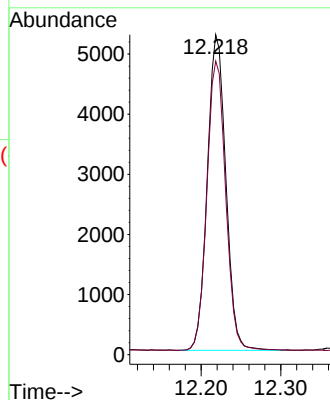
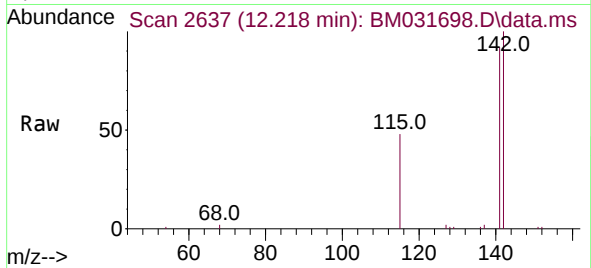
#8
1-Methylnaphthalene
Concen: 1.060 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:142 Resp: 8490
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00C8

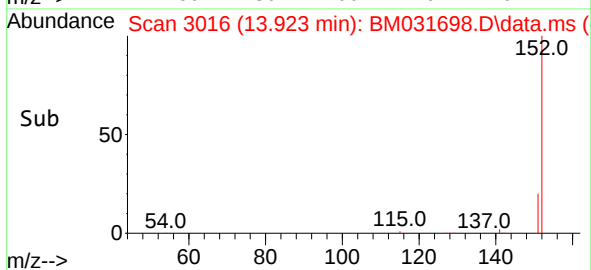
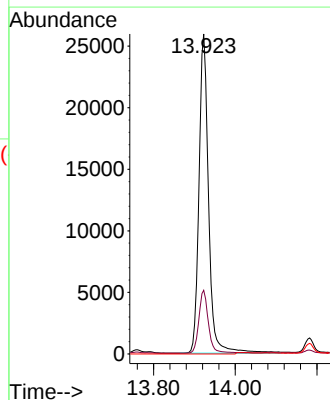
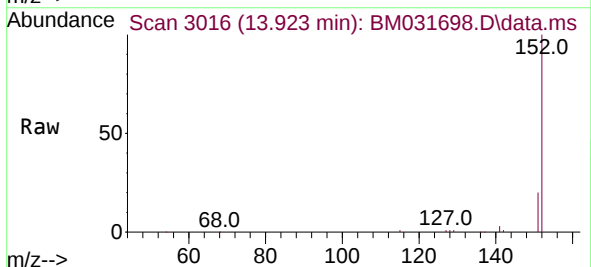
Manual Integrations
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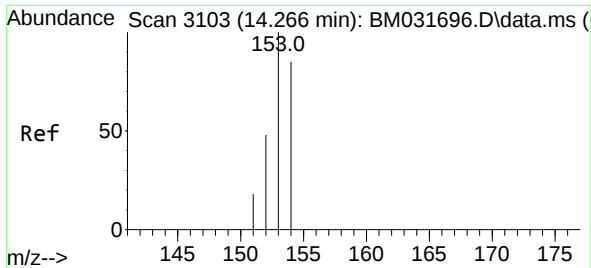
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#10
Acenaphthylene
Concen: 3.627 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

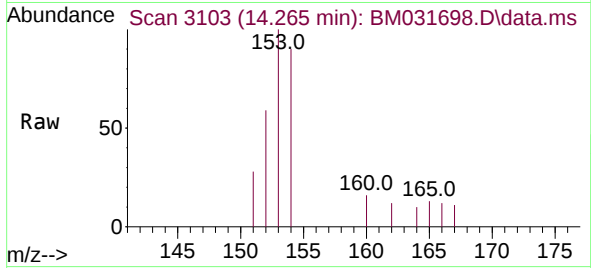
Tgt Ion:152 Resp: 39363
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 0.0 0.0 0.0



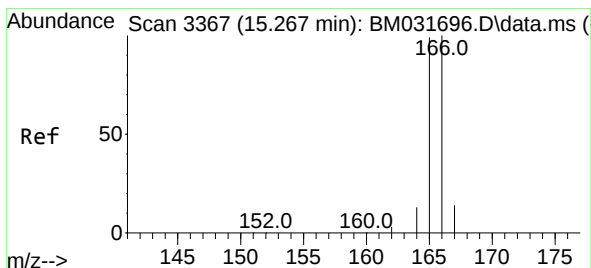
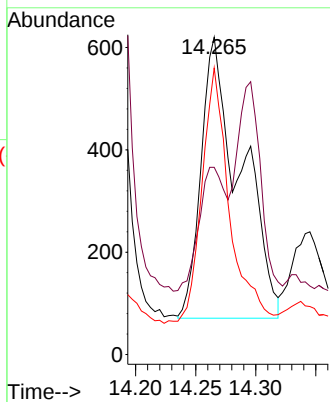
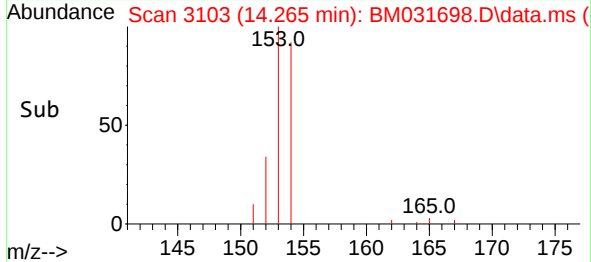


#11
Acenaphthene
Concen: 0.138 ng/ul m
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

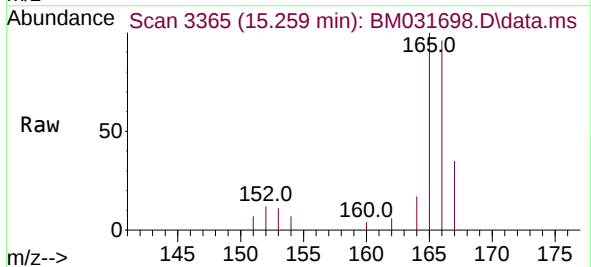
Instrument :
BNA_M
ClientSampled :
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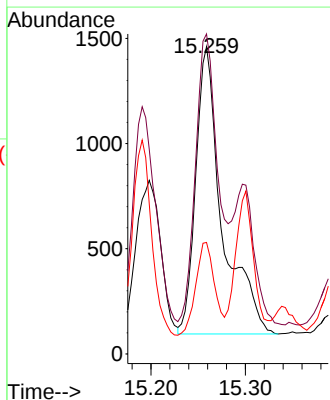
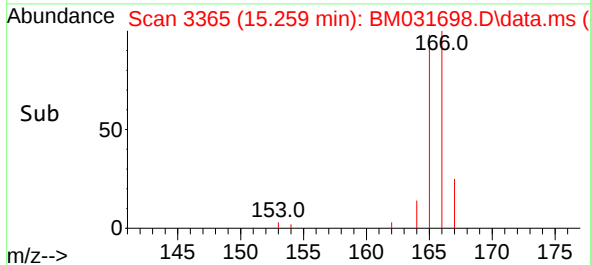
Tgt Ion	Ratio	Lower	Upper
153	100		
152	59.0	40.7	61.1
154	90.3	70.2	105.2

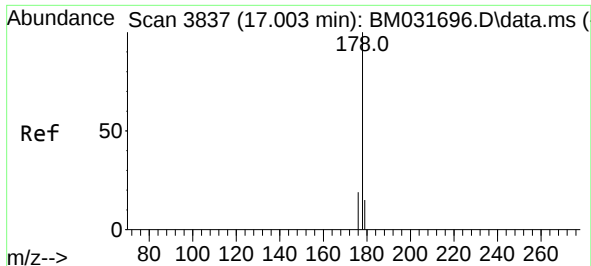


#12
Fluorene
Concen: 0.253 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41



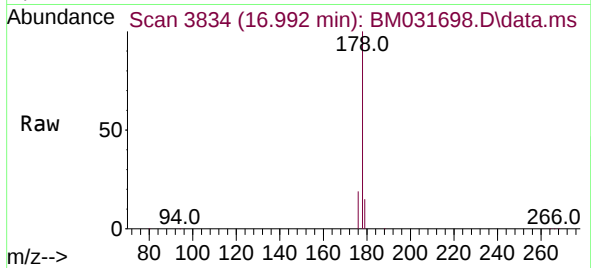
Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.2	78.0	117.0
167	36.3	12.0	18.0





#15
Phenanthrene
Concen: 5.449 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

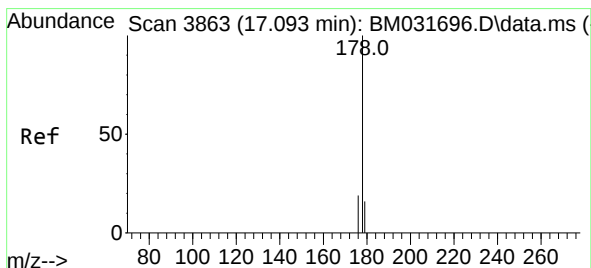
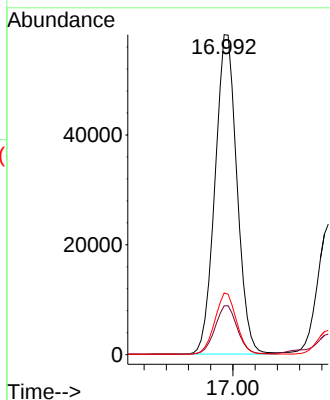
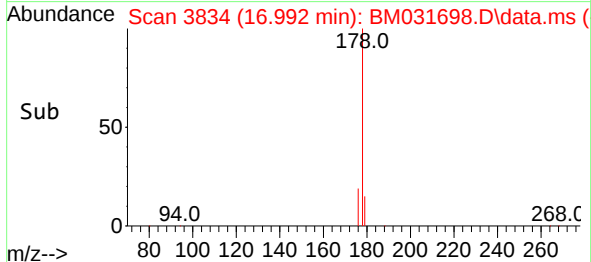
Instrument :
BNA_M
ClientSampled :
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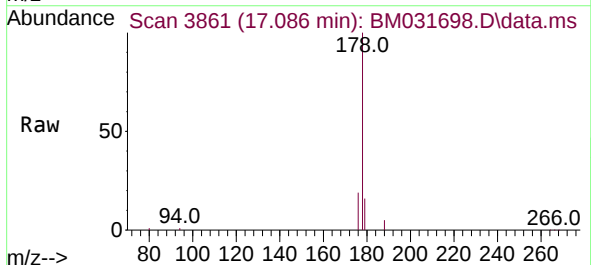
Tgt Ion:178 Resp: 79459
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.3 16.2 24.4

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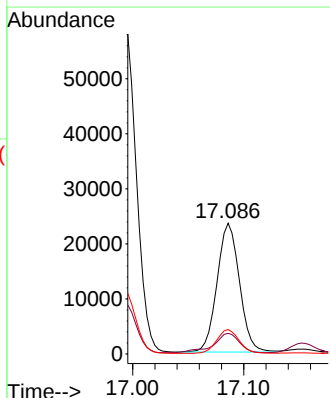
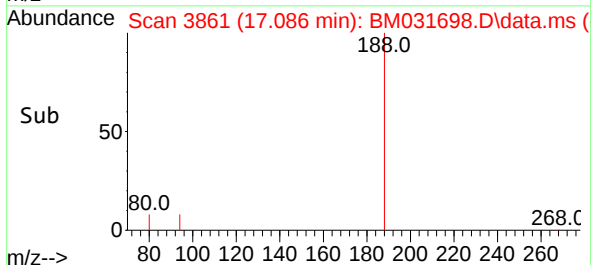
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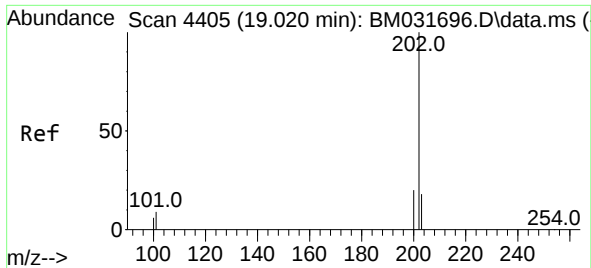


#16
Anthracene
Concen: 2.401 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41



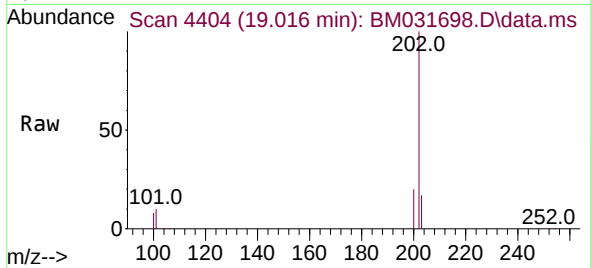
Tgt Ion:178 Resp: 32773
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.7 15.6 23.4





#19
Fluoranthene
Concen: 14.319 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

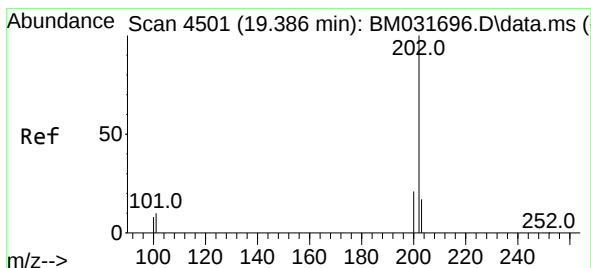
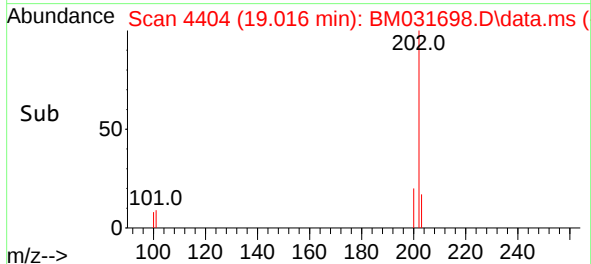
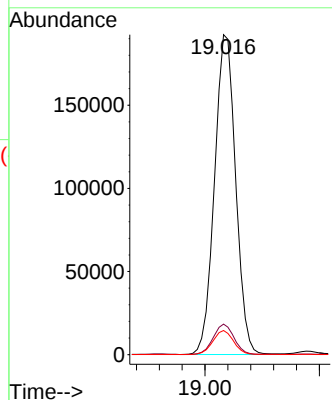
Instrument :
BNA_M
ClientSampled :
C00C8



Tgt Ion:202 Resp: 246658
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.6 5.4 8.0

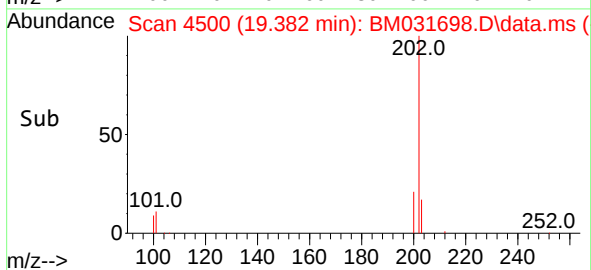
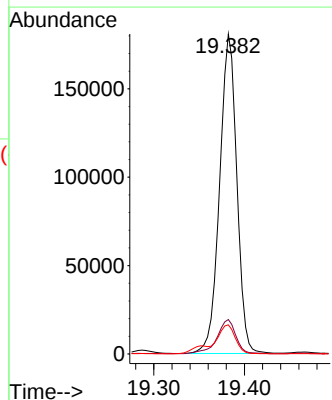
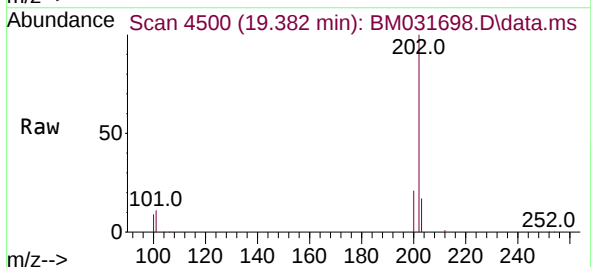
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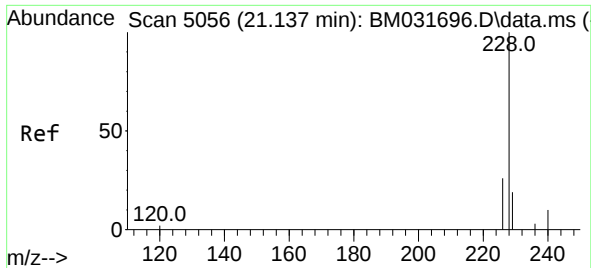
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#20
Pyrene
Concen: 13.643 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:202 Resp: 238355
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.1 6.6 10.0





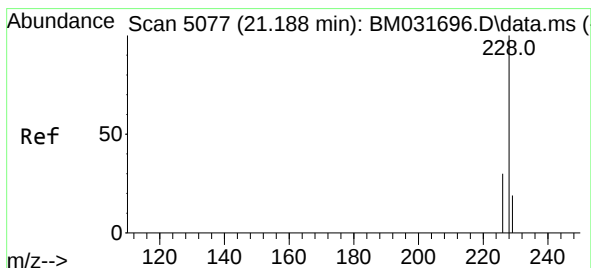
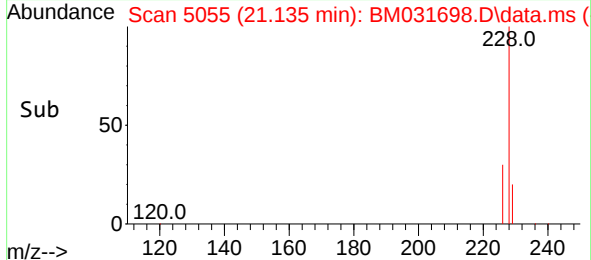
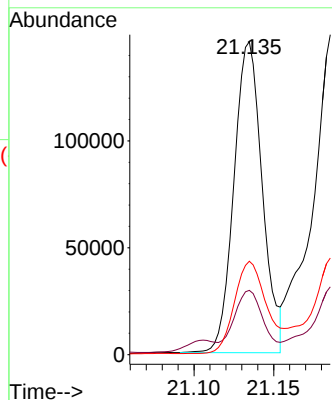
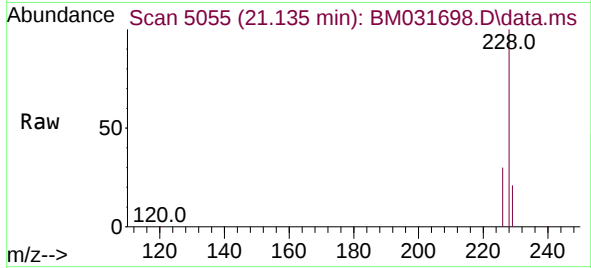
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Benzo(a)anthracene
Concen: 11.067 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:228 Resp: 180274
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 29.8 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00C8

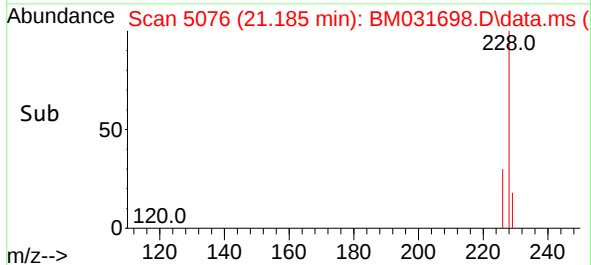
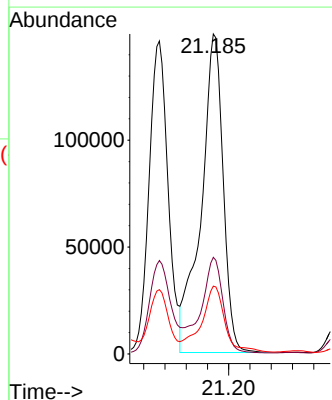
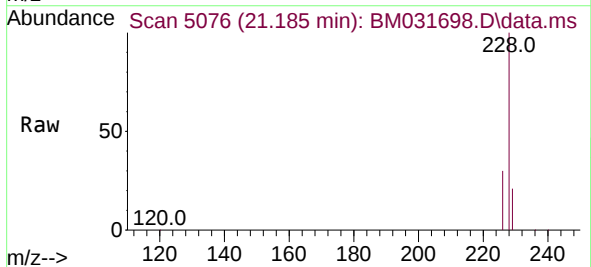
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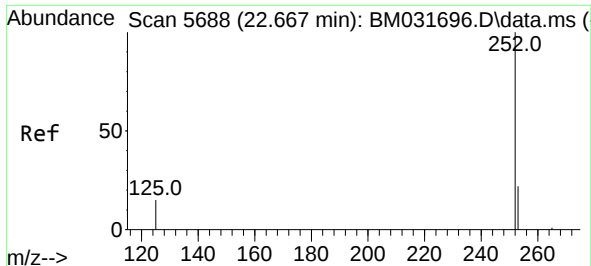
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#22
Chrysene
Concen: 12.791 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:228 Resp: 215570
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 21.2 16.2 24.2





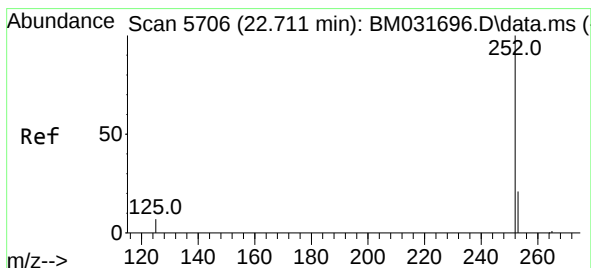
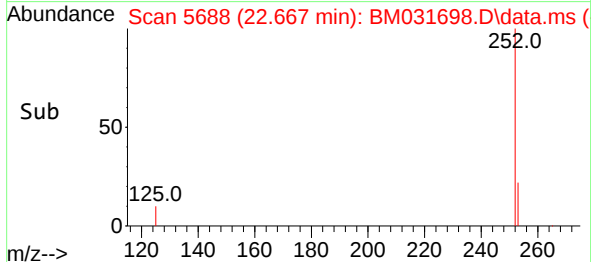
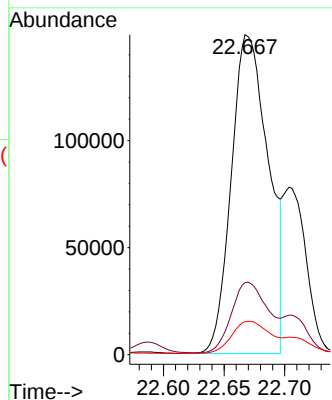
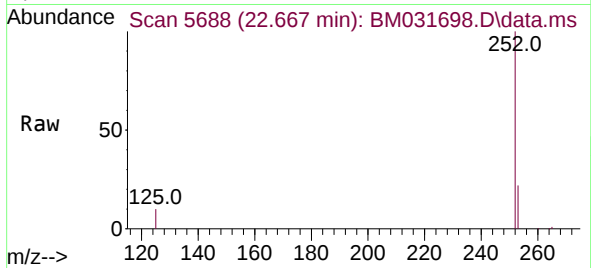
#24
Benzo(b)fluoranthene
Concen: 16.298 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:252 Resp: 316643
Ion Ratio Lower Upper
252 100
253 22.5 0.0 53.0
125 10.3 0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00C8

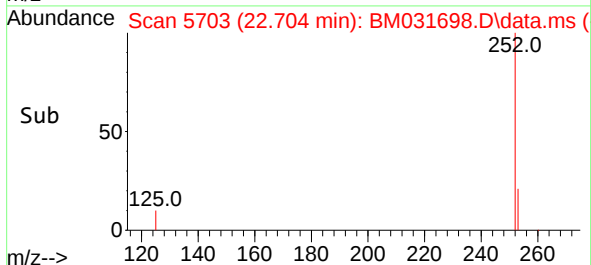
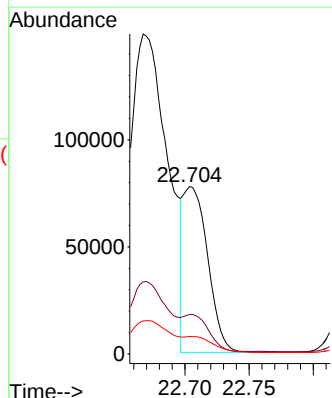
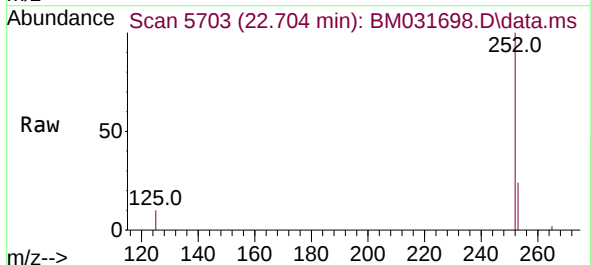
Manual Integrations
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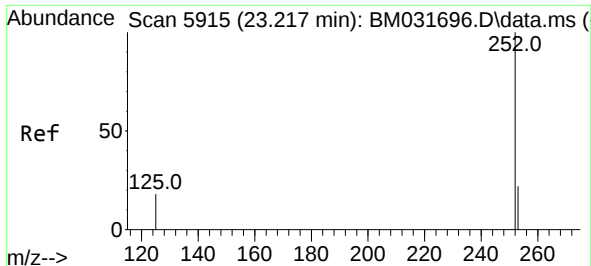
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#25
Benzo(k)fluoranthene
Concen: 5.112 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:252 Resp: 102615
Ion Ratio Lower Upper
252 100
253 23.6 21.3 31.9
125 10.5 8.8 13.2





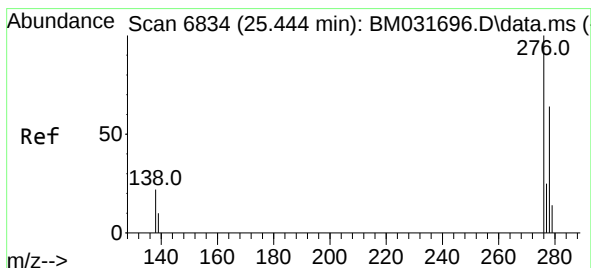
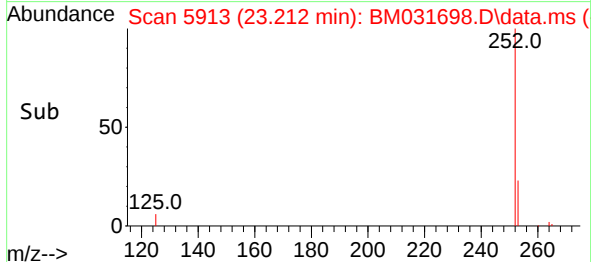
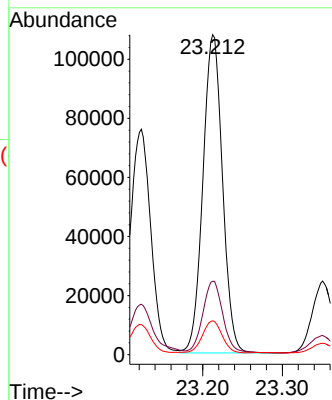
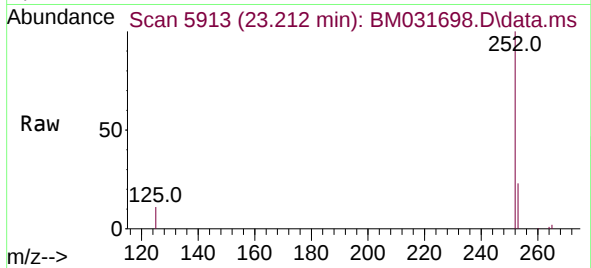
#26
Benzo(a)pyrene
Concen: 10.836 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:252 Resp: 184364
Ion Ratio Lower Upper
252 100
253 23.0 22.4 33.6
125 10.6 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C00C8

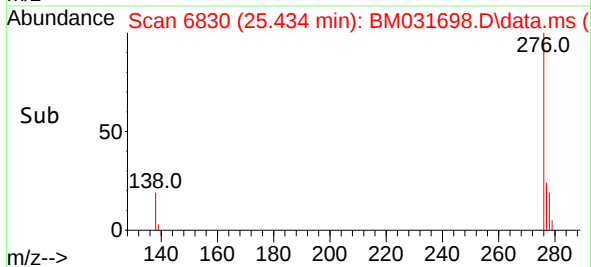
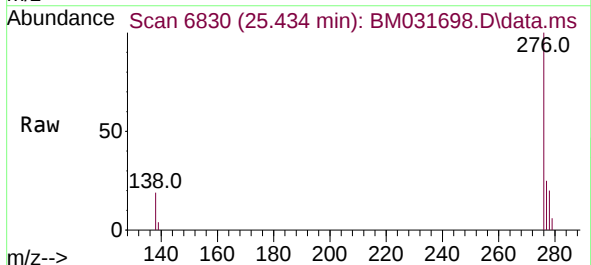
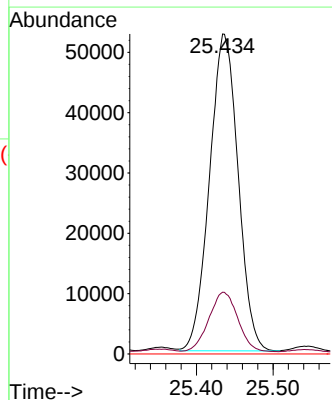
Manual Integrations
APPROVED

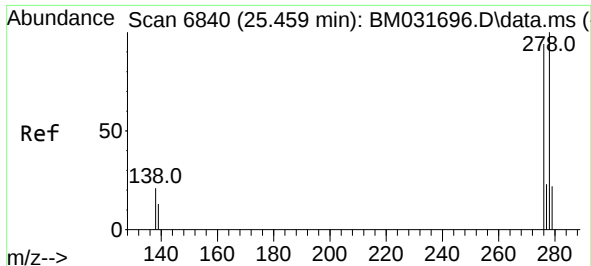
mohammad
8/13/2021 5:15:01 PM



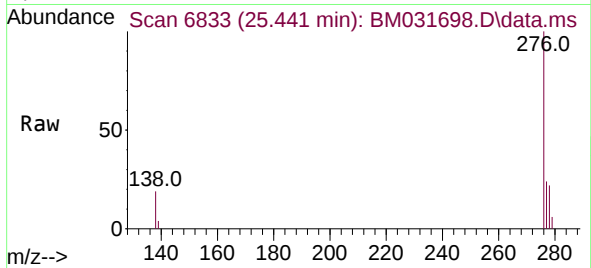
#27
Indeno(1,2,3-cd)pyrene
Concen: 6.184 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41

Tgt Ion:276 Resp: 136005
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0

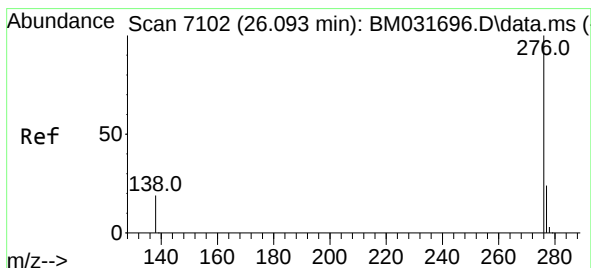
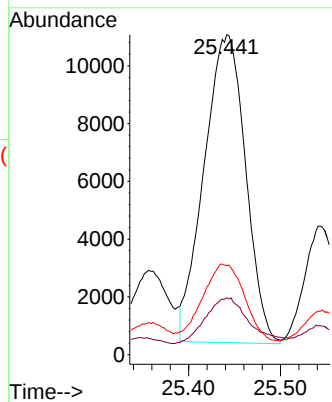
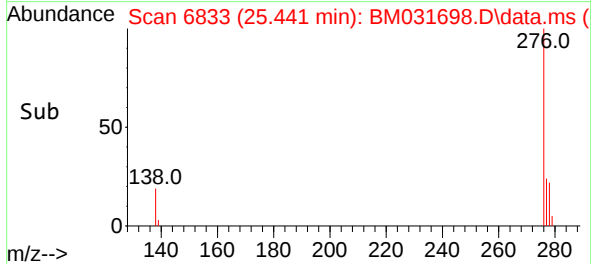




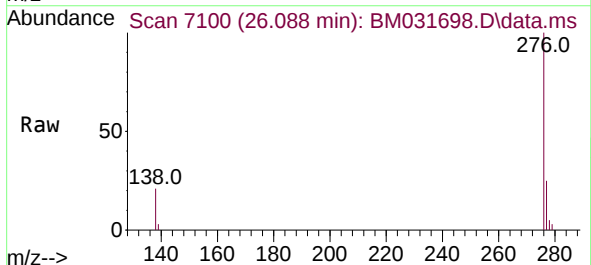
#28
Dibenzo(a,h)anthracene
Concen: 1.888 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.031 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41



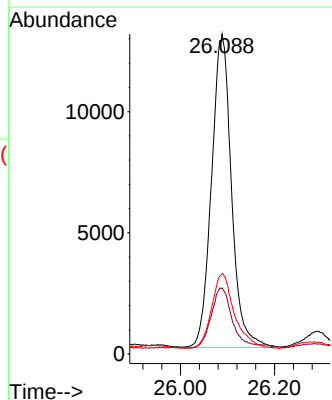
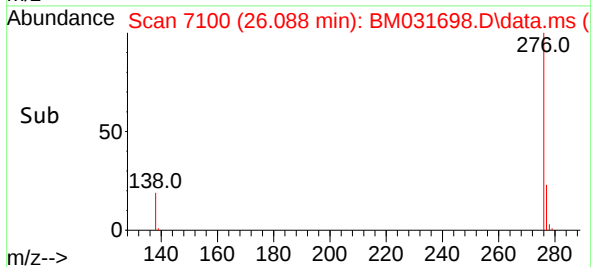
Tgt Ion: 278 Resp: 33467
Ion Ratio Lower Upper
278 100
139 17.8 13.3 19.9
279 27.9 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 2.026 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031698.D
Acq: 13 Aug 2021 04:41



Tgt Ion: 276 Resp: 38005
Ion Ratio Lower Upper
276 100
138 20.6 15.4 23.2
277 25.1 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00C8

Manual Integrations
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mohammad
8/13/2021 5:15:01 PM