

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031718.D
 Acq On : 13 Aug 2021 17:05
 Operator : CG/JU
 Sample : M3208-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E3

Manual Integrations
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Quant Time: Aug 13 17:37:23 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	7.566	152	1133	0.400	ng/ul	0.00
4) Naphthalene-d8	10.324	136	4155	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.200	164	2516	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	4611	0.400	ng/ul #	-0.01
17) Chrysene-d12	21.155	240	3874	0.400	ng/ul #	0.00
23) Perylene-d12	23.310	264	3692	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	4338	3.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1483	0.212	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	3046	0.236	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.373	128	12315	0.995	ng/ul	98
7) 2-Methylnaphthalene	11.997	142	8828	1.044	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	5619	0.673	ng/ul	99
10) Acenaphthylene	13.922	152	12149	1.134	ng/ul	99
11) Acenaphthene	14.265	153	780	0.086	ng/ul#	92
12) Fluorene	15.258	166	1046	0.101	ng/ul#	84
15) Phenanthrene	16.991	178	41975	2.867	ng/ul	98
16) Anthracene	17.085	178	10561	0.770	ng/ul	99
19) Fluoranthene	19.015	202	80846	4.887	ng/ul#	96
20) Pyrene	19.381	202	69551	4.145	ng/ul	97
21) Benzo(a)anthracene	21.138	228	44202	2.826	ng/ul	93
22) Chrysene	21.188	228	54134	3.345	ng/ul	97
24) Benzo(b)fluoranthene	22.673	252	76972m	4.627	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	27079m	1.576	ng/ul	
26) Benzo(a)pyrene	23.218	252	47501	3.261	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.442	276	38078	2.022	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.449	278	9907	0.653	ng/ul#	88
29) Benzo(g,h,i)perylene	26.089	276	14180	0.883	ng/ul#	95

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

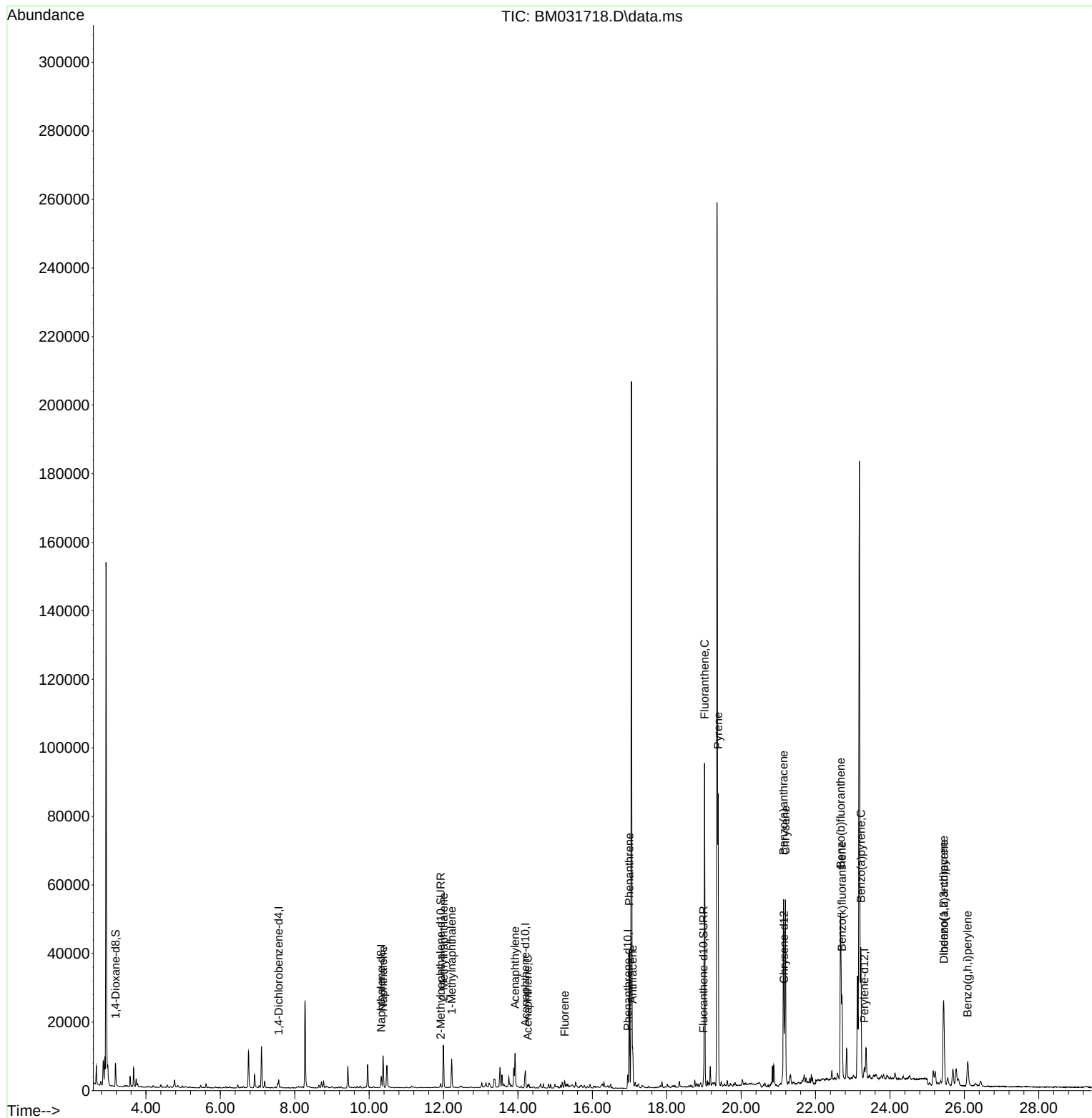
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Data File : BM031718.D
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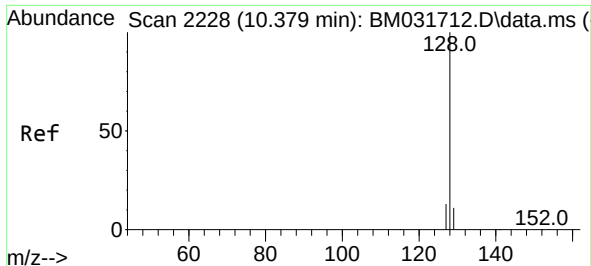
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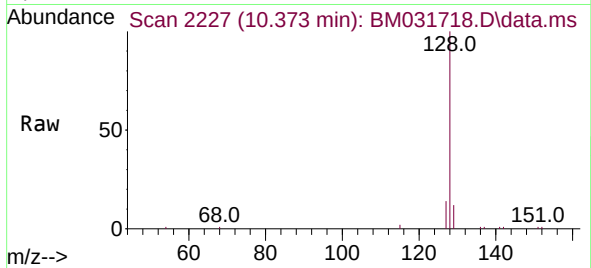
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Quant Time: Aug 13 17:37:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
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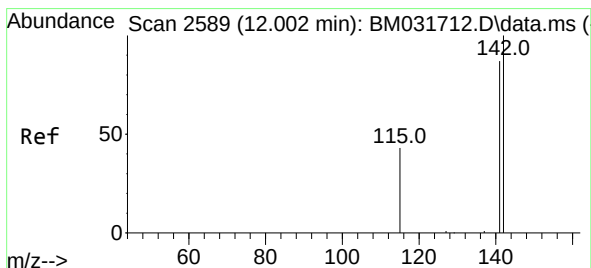
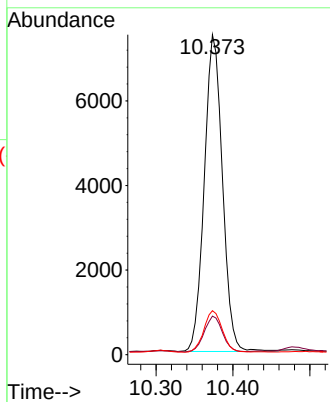
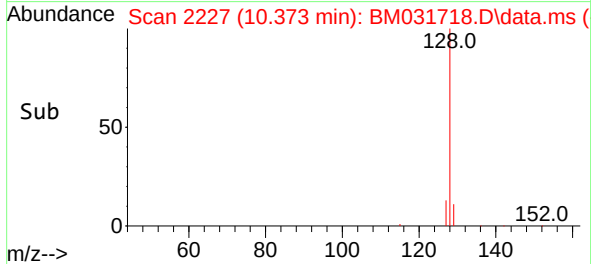




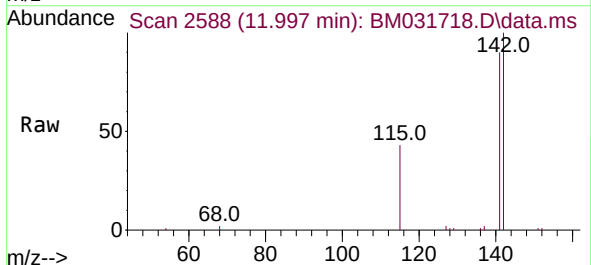
#5
Naphthalene
Concen: 0.995 ng/ul
RT: 10.373 min Scan# 2227
Delta R.T. -0.009 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



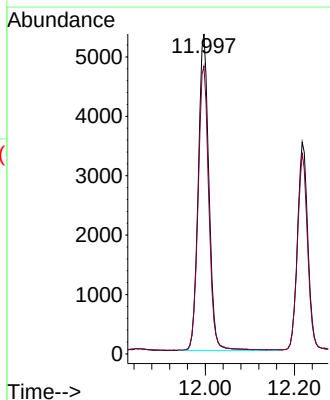
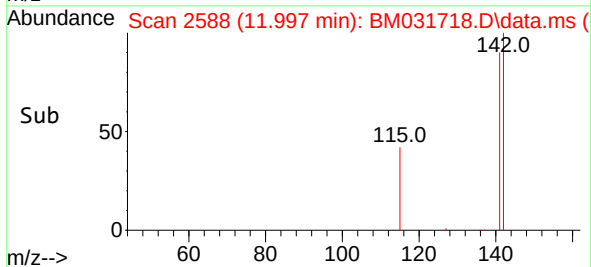
Tgt Ion:128 Resp: 12315
Ion Ratio Lower Upper
128 100
129 12.0 10.0 15.0
127 13.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.044 ng/ul
RT: 11.997 min Scan# 2588
Delta R.T. -0.009 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



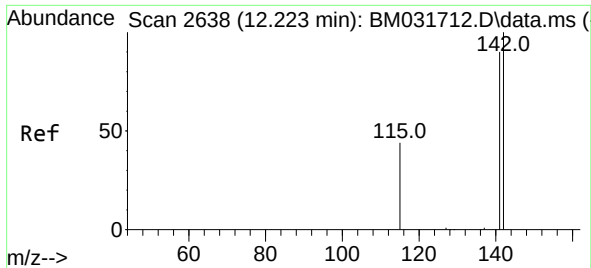
Tgt Ion:142 Resp: 8828
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.0



Instrument :
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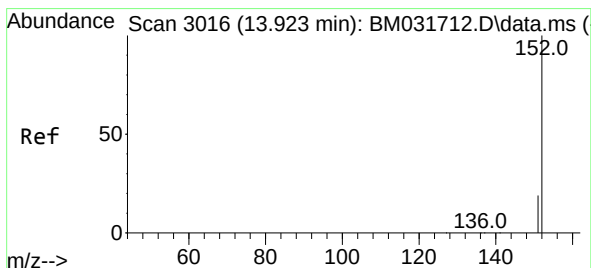
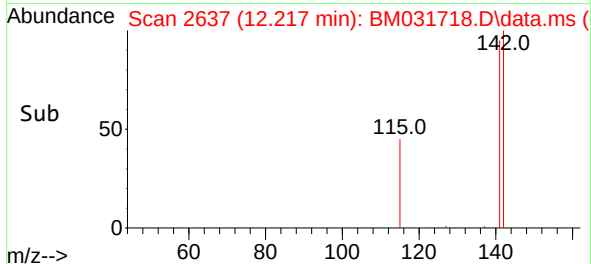
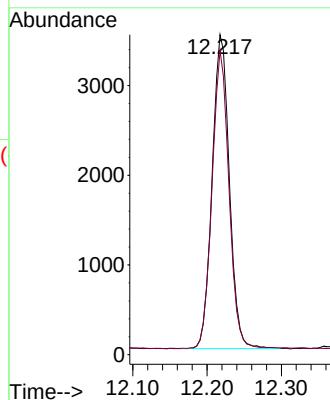
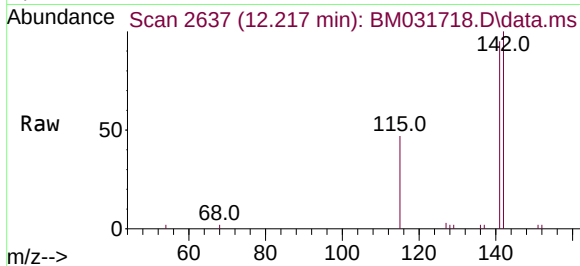
#8
1-Methylnaphthalene
Concen: 0.673 ng/ul
RT: 12.217 min Scan# 2637
Delta R.T. -0.009 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05

Tgt Ion:142 Resp: 5619
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

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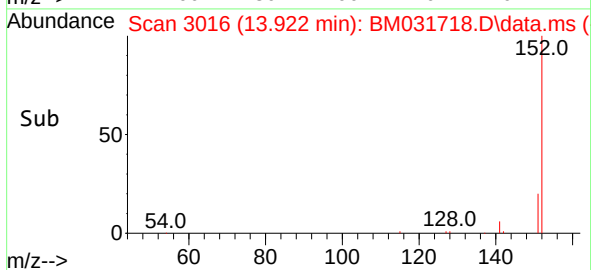
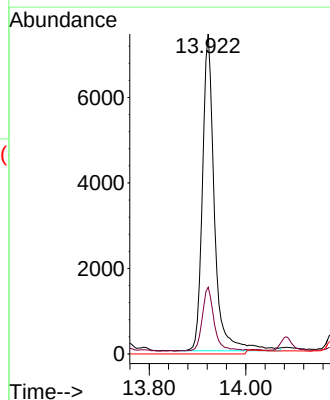
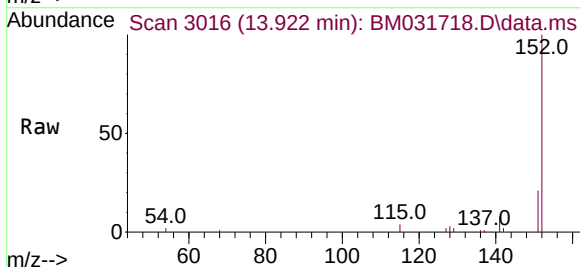
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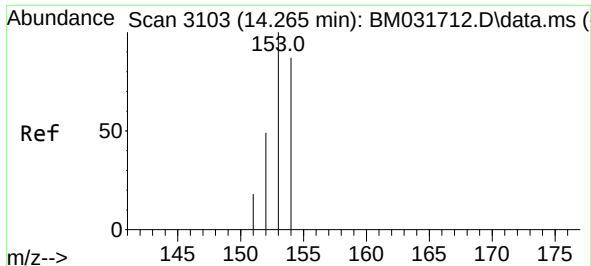
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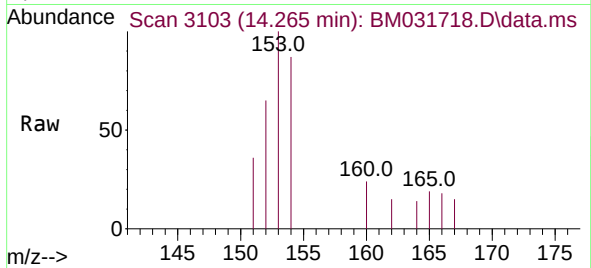
#10
Acenaphthylene
Concen: 1.134 ng/ul
RT: 13.922 min Scan# 3016
Delta R.T. -0.009 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05

Tgt Ion:152 Resp: 12149
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 0.0 0.0 0.0

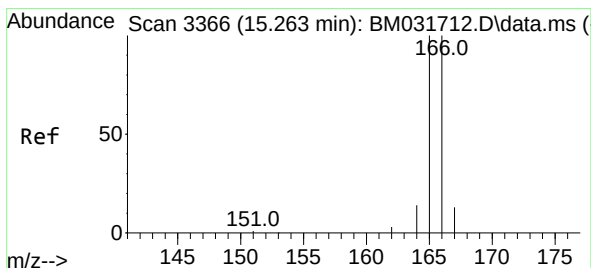
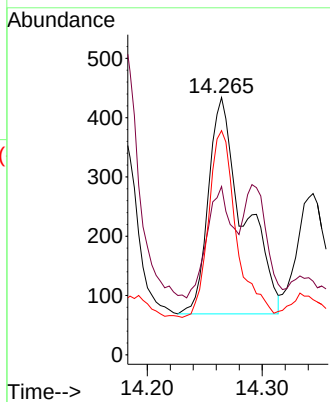
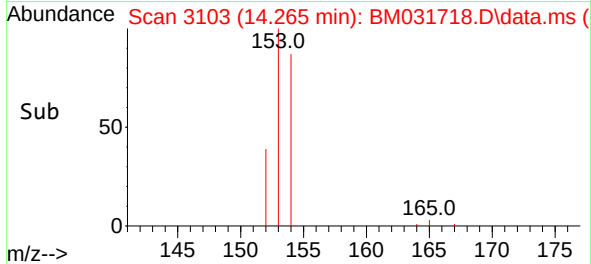




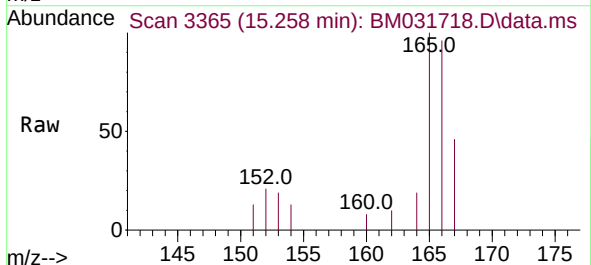
#11
Acenaphthene
Concen: 0.086 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.008 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



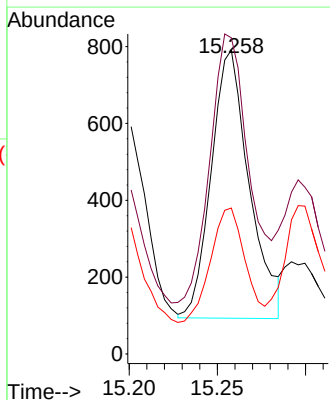
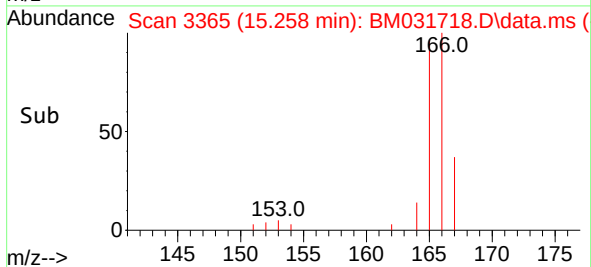
Tgt Ion:153 Resp: 780
Ion Ratio Lower Upper
153 100
152 65.4 40.7 61.1#
154 87.1 70.2 105.2



#12
Fluorene
Concen: 0.101 ng/ul
RT: 15.258 min Scan# 3365
Delta R.T. -0.012 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



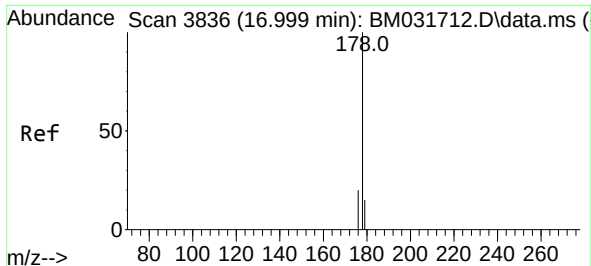
Tgt Ion:166 Resp: 1046
Ion Ratio Lower Upper
166 100
165 104.0 78.0 117.0
167 48.0 12.0 18.0#



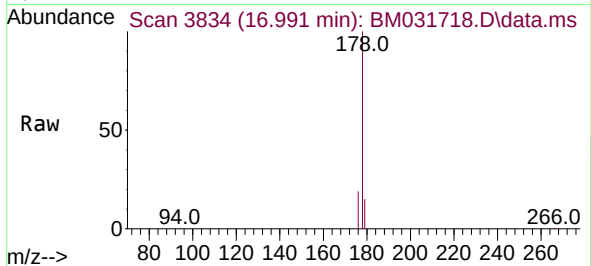
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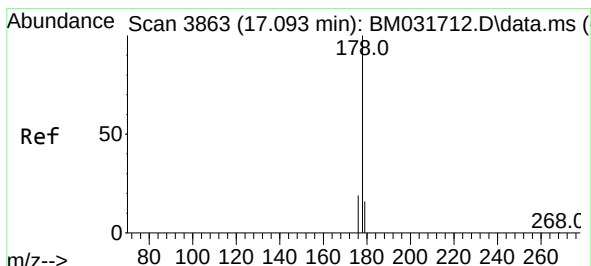
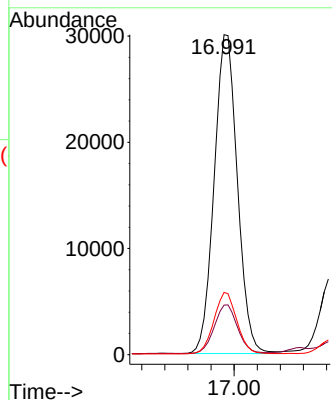
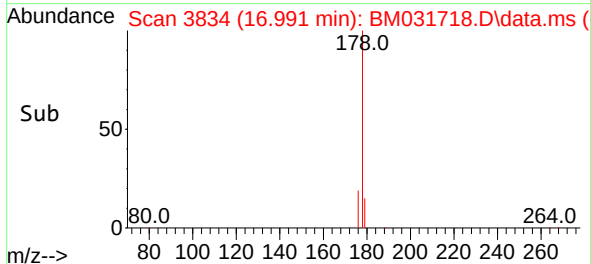
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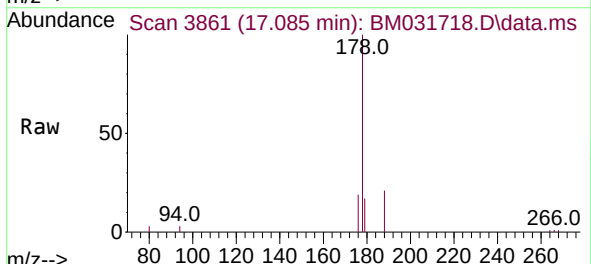
#15
Phenanthrene
Concen: 2.867 ng/ul
RT: 16.991 min Scan# 3834
Delta R.T. -0.011 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



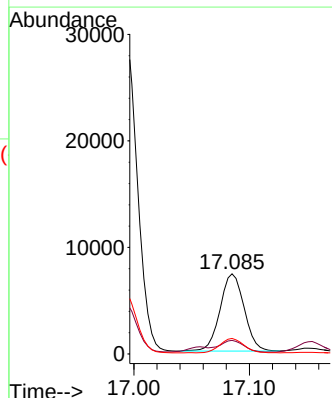
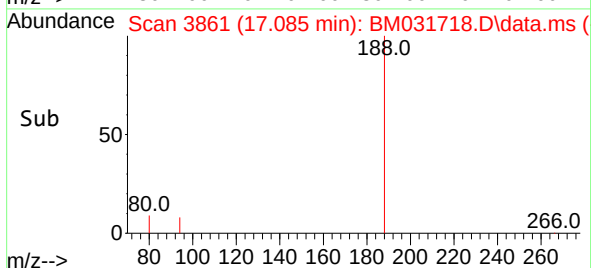
Tgt Ion:178 Resp: 41975
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.4 16.2 24.4



#16
Anthracene
Concen: 0.770 ng/ul
RT: 17.085 min Scan# 3861
Delta R.T. -0.011 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



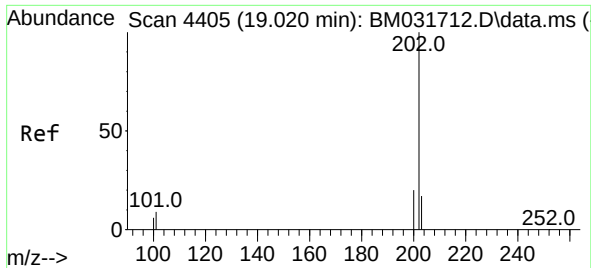
Tgt Ion:178 Resp: 10561
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 19.4 15.6 23.4



Instrument :
BNA_M
ClientSampled :
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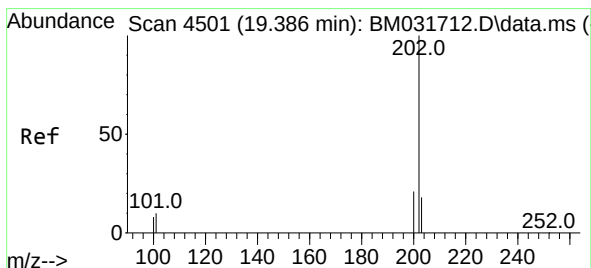
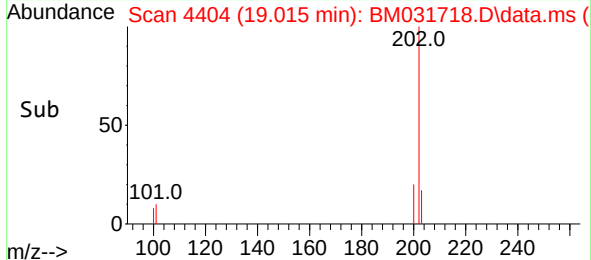
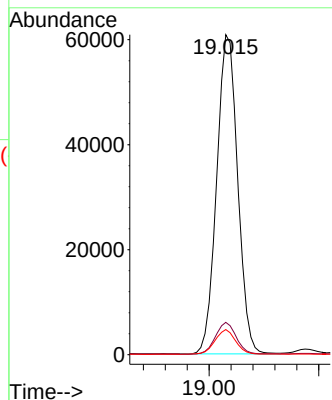
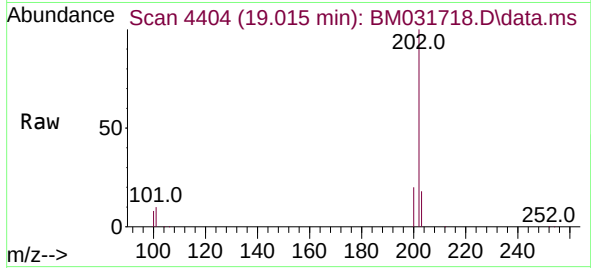
#19
Fluoranthene
Concen: 4.887 ng/ul
RT: 19.015 min Scan# 4404
Delta R.T. -0.012 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05

Tgt Ion:202 Resp: 80846
Ion Ratio Lower Upper
202 100
101 10.1 6.6 10.0#
100 7.9 5.4 8.0

Instrument :
BNA_M
ClientSampled :
C00E3

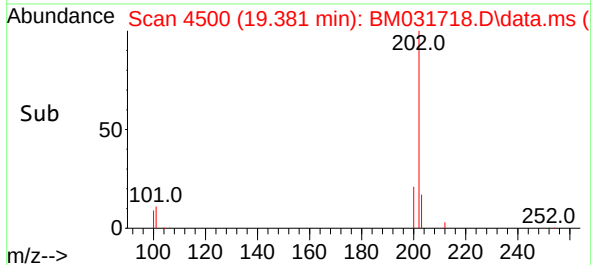
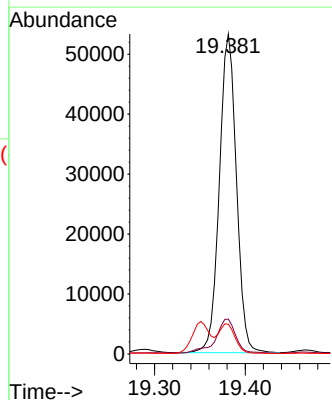
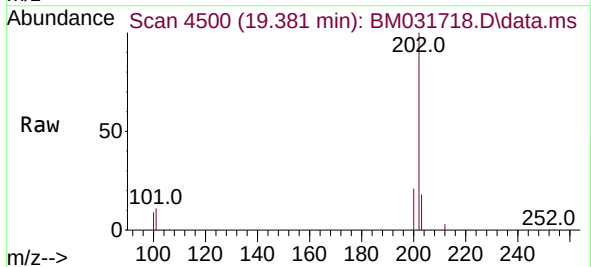
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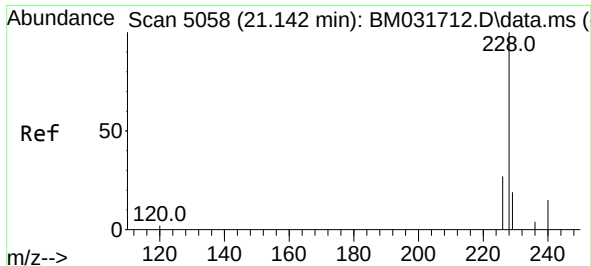
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#20
Pyrene
Concen: 4.145 ng/ul
RT: 19.381 min Scan# 4500
Delta R.T. -0.008 min
Lab File: BM031718.D
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Tgt Ion:202 Resp: 69551
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.3 6.6 10.0





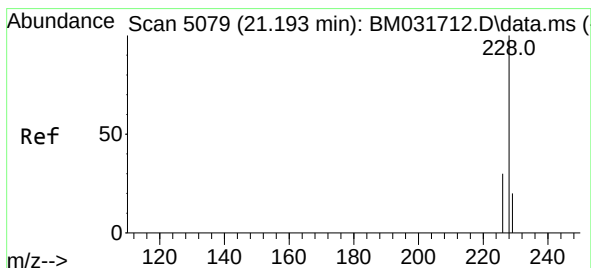
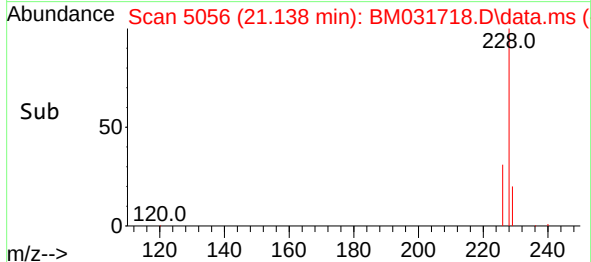
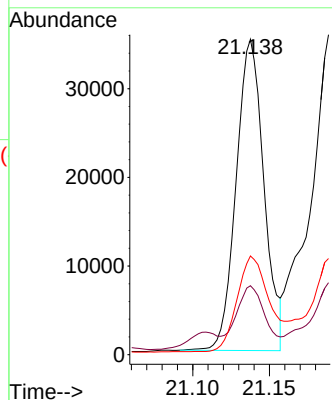
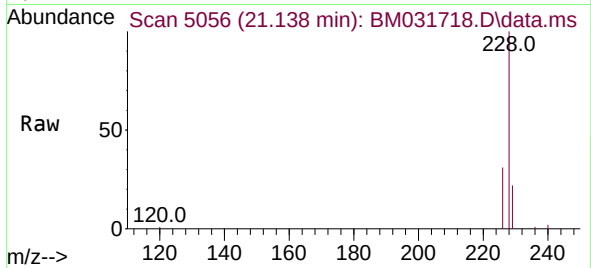
#21
Benzo(a)anthracene
Concen: 2.826 ng/ul
RT: 21.138 min Scan# 5056
Delta R.T. -0.006 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05

Tgt Ion:228 Resp: 44202
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 31.3 21.7 32.5

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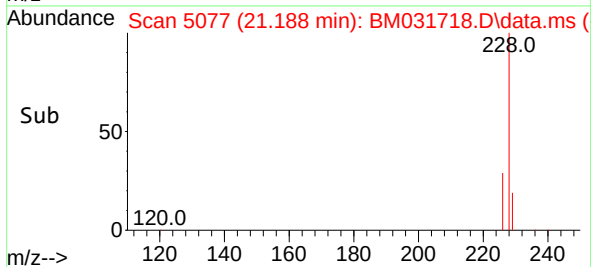
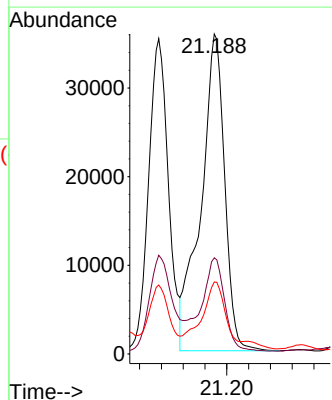
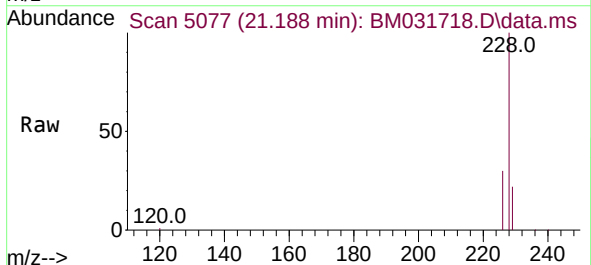
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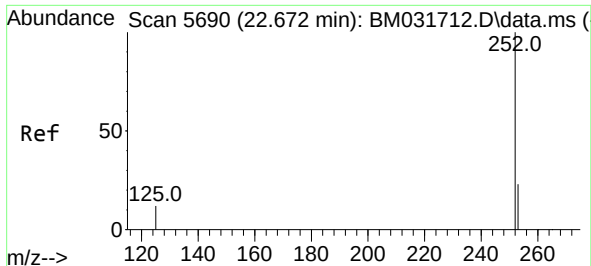
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#22
Chrysene
Concen: 3.345 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.006 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05

Tgt Ion:228 Resp: 54134
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 22.5 16.2 24.2





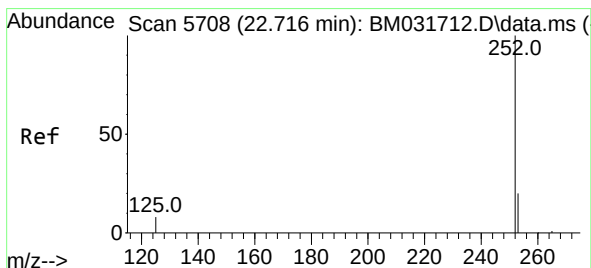
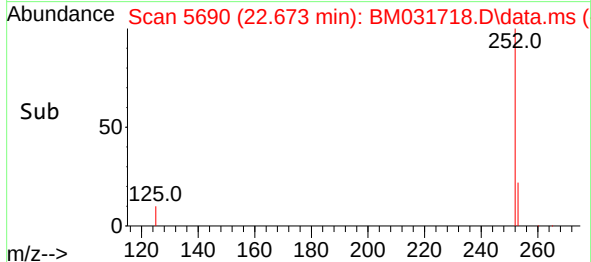
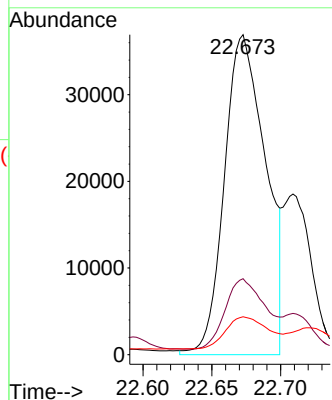
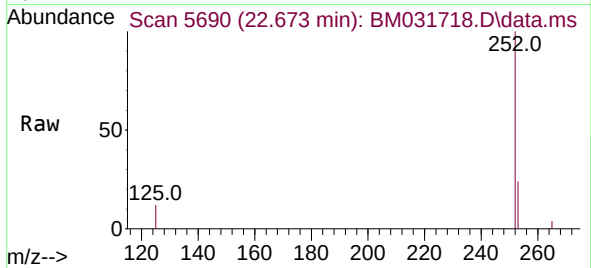
#24
Benzo(b)fluoranthene
Concen: 4.627 ng/ul m
RT: 22.673 min Scan# 5690
Delta R.T. -0.004 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05

Tgt Ion:	252	Resp:	76972
Ion Ratio	Lower	Upper	
252	100		
253	23.8	0.0	53.0
125	11.9	0.0	22.8

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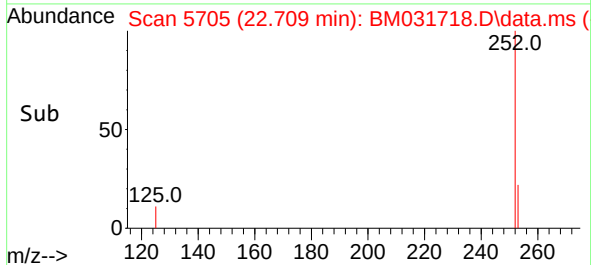
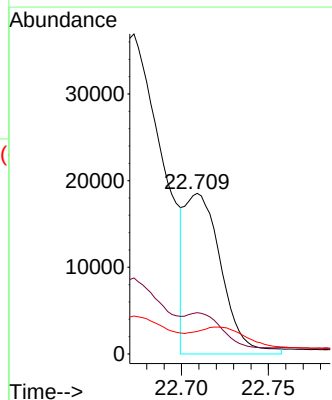
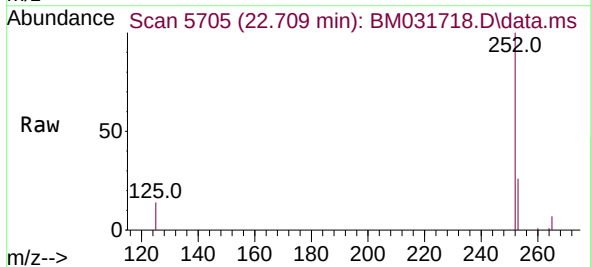
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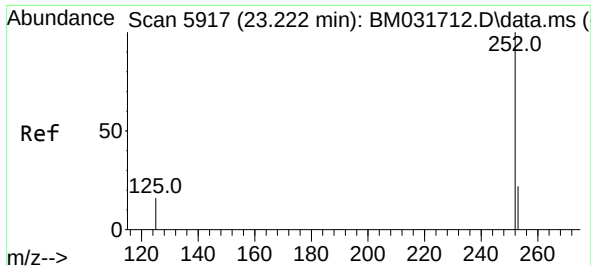
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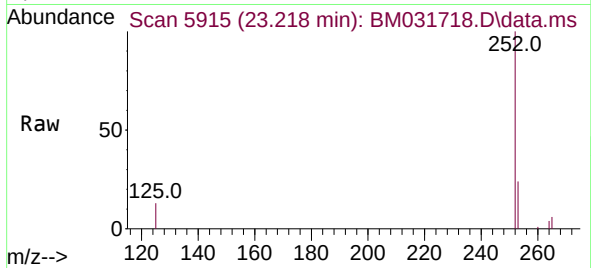
#25
Benzo(k)fluoranthene
Concen: 1.576 ng/ul m
RT: 22.709 min Scan# 5705
Delta R.T. -0.011 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05

Tgt Ion:	252	Resp:	27079
Ion Ratio	Lower	Upper	
252	100		
253	25.7	21.3	31.9
125	14.1	8.8	13.2

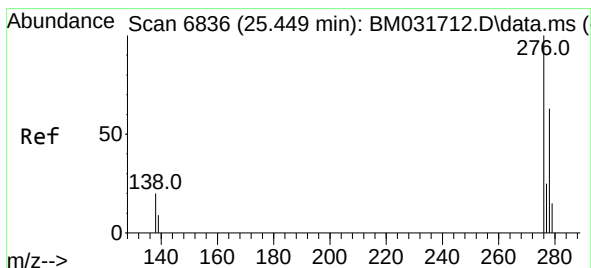
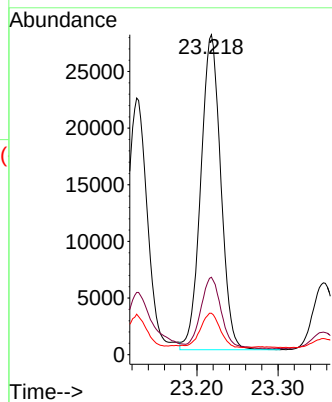
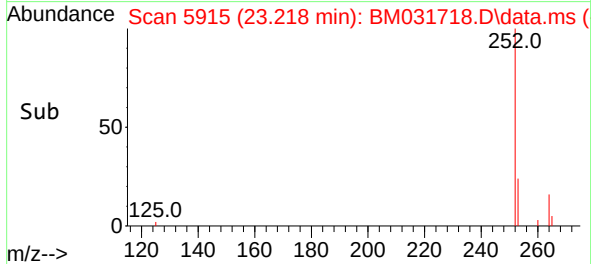




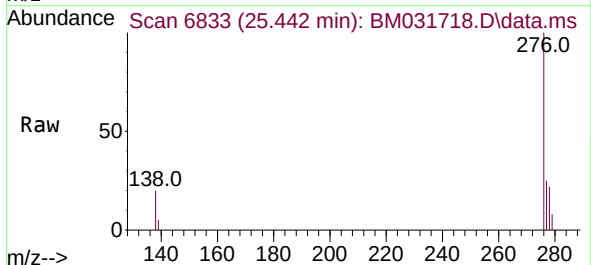
#26
Benzo(a)pyrene
Concen: 3.261 ng/ul
RT: 23.218 min Scan# 5915
Delta R.T. -0.009 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



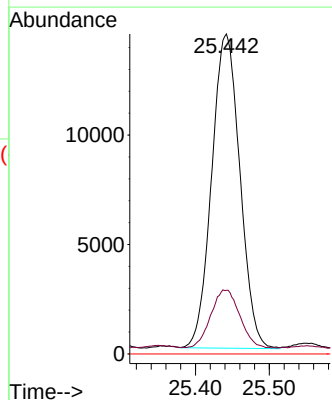
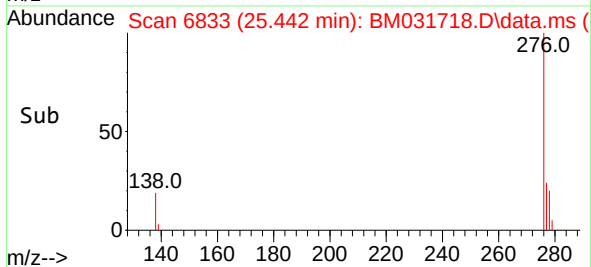
Tgt Ion:252 Resp: 47501
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 13.0 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.022 ng/ul
RT: 25.442 min Scan# 6833
Delta R.T. -0.018 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



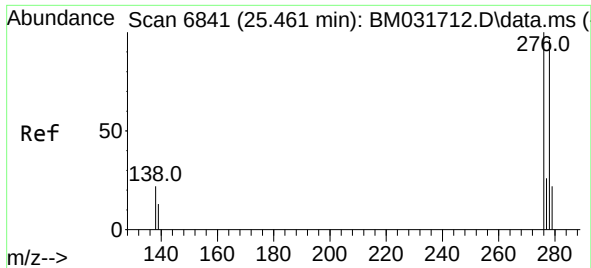
Tgt Ion:276 Resp: 38078
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0



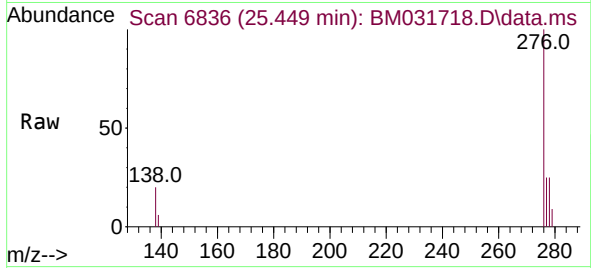
Instrument :
BNA_M
ClientSampled :
C00E3

Manual Integrations
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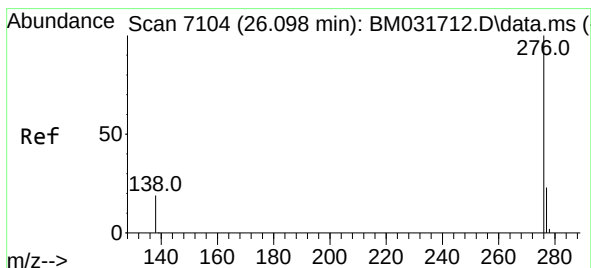
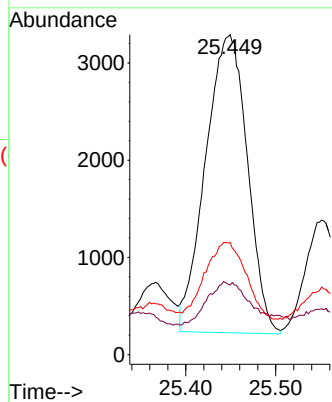
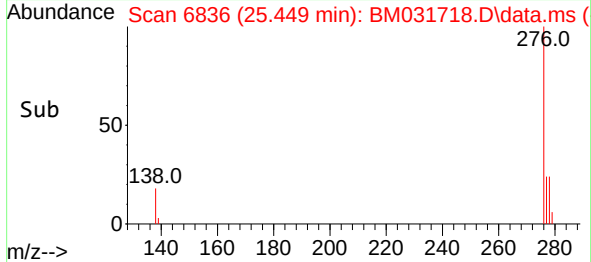
mohammad
8/16/2021 8:40:05 AM



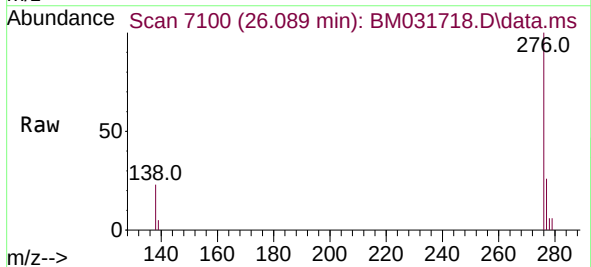
#28
Dibenzo(a,h)anthracene
Concen: 0.653 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.023 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



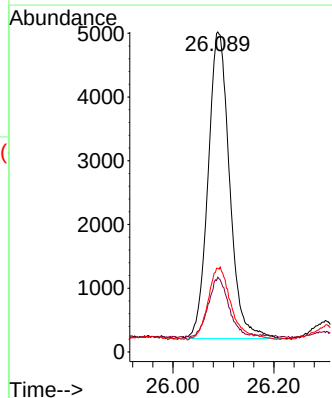
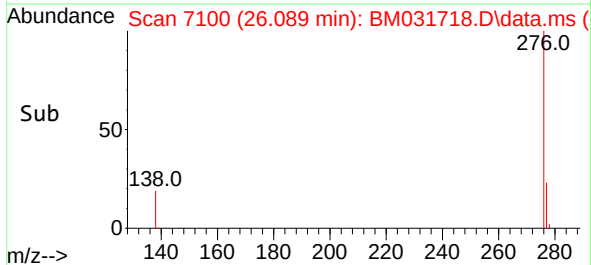
Tgt Ion: 278 Resp: 9907
Ion Ratio Lower Upper
278 100
139 21.8 13.3 19.9#
279 35.0 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.883 ng/ul
RT: 26.089 min Scan# 7100
Delta R.T. -0.018 min
Lab File: BM031718.D
Acq: 13 Aug 2021 17:05



Tgt Ion: 276 Resp: 14180
Ion Ratio Lower Upper
276 100
138 23.3 15.4 23.2#
277 26.2 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00E3

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:05 AM