

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031396.D
 Acq On : 03 Aug 2021 04:23
 Operator : CG/JU
 Sample : M3123-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0076

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:15 AM

Quant Time: Aug 03 05:03:53 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 : Tue Aug 03 04:56:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1201	0.40	ng/ul	0.00
4) Naphthalene-d8	10.360	136	4669	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.227	164	3443	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6005	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.167	240	5027	0.40	ng/ul	# 0.00
23) Perylene-d12	23.325	264	4712	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1864	1.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	764	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	1796	0.11	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.409	128	13289	0.96	ng/ul	98
7) 2-Methylnaphthalene	12.028	142	35971	3.79	ng/ul	100
8) 1-Methylnaphthalene	12.248	142	17375	1.85	ng/ul	99
10) Acenaphthylene	13.953	152	1214	0.08	ng/ul#	76
11) Acenaphthene	14.322	153	1704m	0.14	ng/ul	
12) Fluorene	15.285	166	2672	0.19	ng/ul#	75
15) Phenanthrene	17.016	178	64039	3.36	ng/ul	98
16) Anthracene	17.110	178	1074m	0.06	ng/ul	
19) Fluoranthene	19.038	202	24338	1.13	ng/ul#	95
20) Pyrene	19.404	202	20157	0.93	ng/ul#	95
21) Benzo(a)anthracene	21.150	228	8889	0.44	ng/ul#	69
22) Chrysene	21.203	228	34617	1.65	ng/ul#	94
24) Benzo(b)fluoranthene	22.685	252	17231m	0.81	ng/ul	
25) Benzo(k)fluoranthene	22.724	252	3882m	0.18	ng/ul	
26) Benzo(a)pyrene	23.233	252	5806	0.31	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.466	276	4729	0.20	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.476	278	2604	0.13	ng/ul#	38
29) Benzo(g,h,i)perylene	26.118	276	635	0.03	ng/ul#	36

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

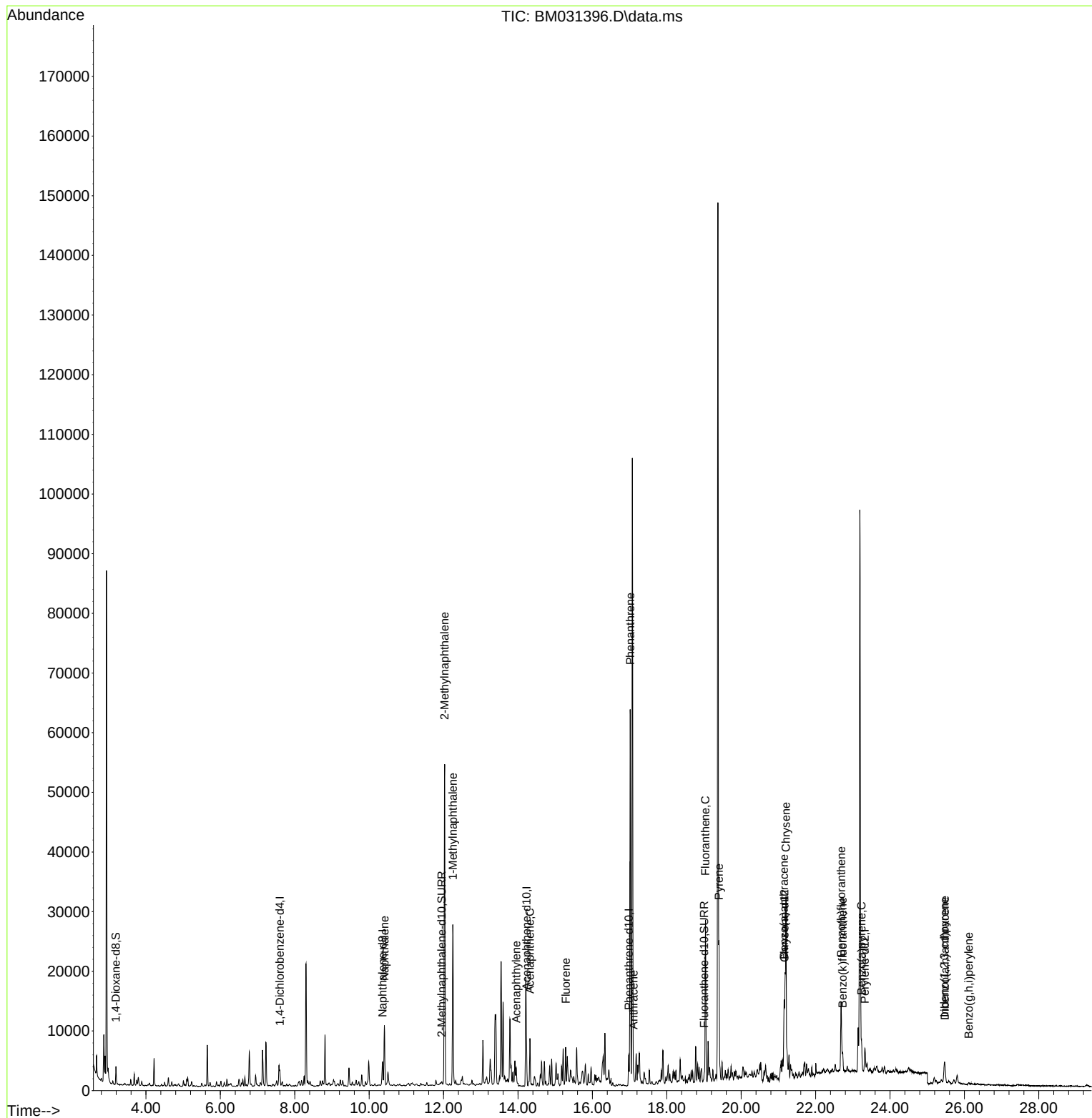
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Data File : BM031396.D
Acq On : 03 Aug 2021 04:23
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ALS Vial : 26 Sample Multiplier: 1

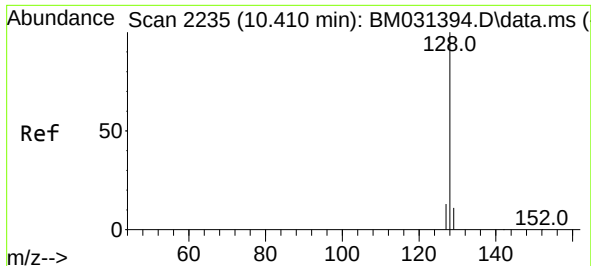
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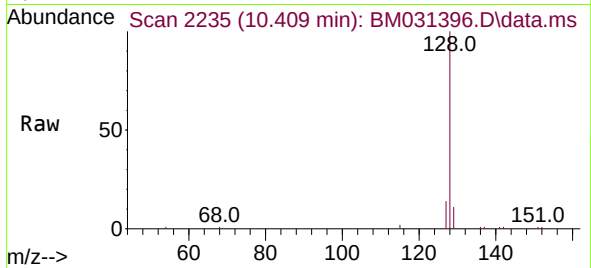
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 04:56:41 2021
Response via : Initial Calibration

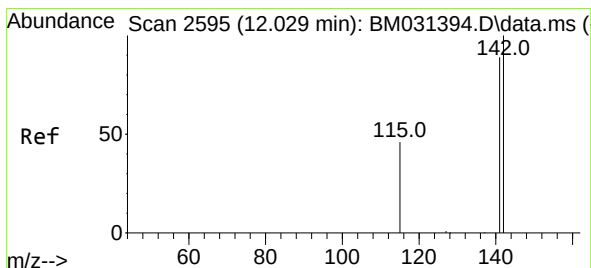
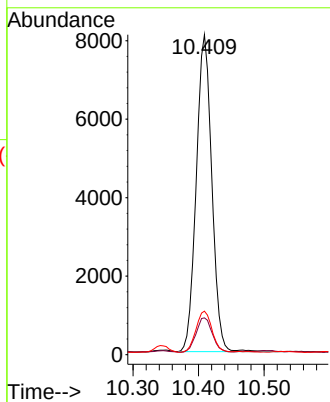
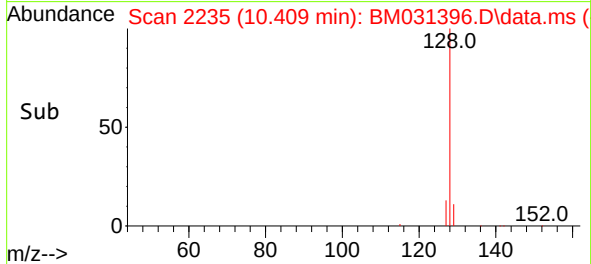




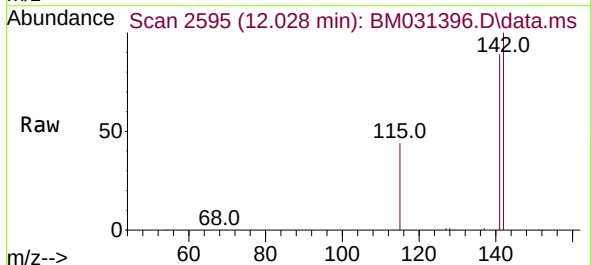
#5
Naphthalene
Concen: 0.96 ng/ul
RT: 10.409 min Scan# 2235
Delta R.T. -0.001 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



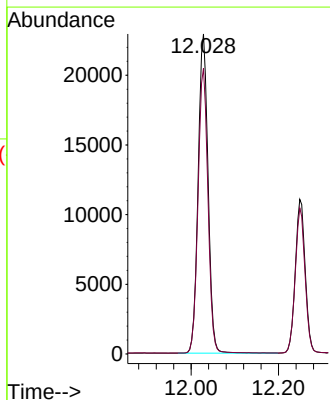
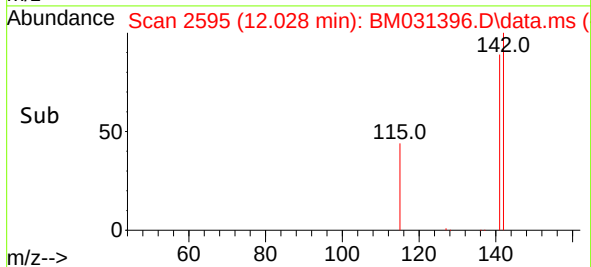
Tgt Ion:128 Resp: 13289
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 13.6 11.6 17.4



#7
2-Methylnaphthalene
Concen: 3.79 ng/ul
RT: 12.028 min Scan# 2595
Delta R.T. -0.006 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



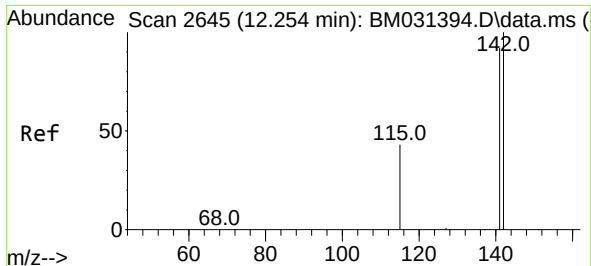
Tgt Ion:142 Resp: 35971
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0



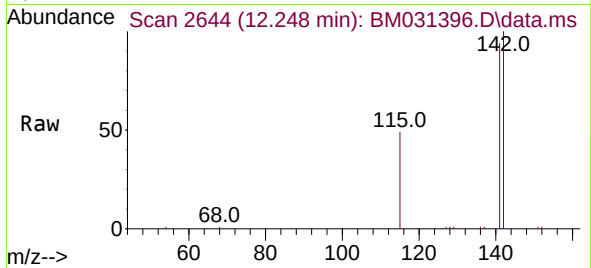
Instrument :
BNA_M
ClientSampleId :
C0076

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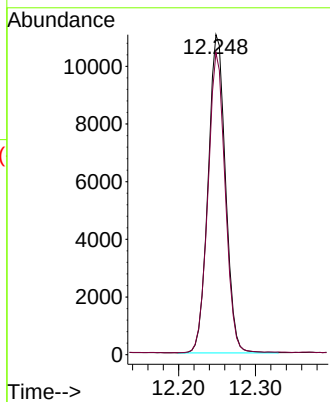
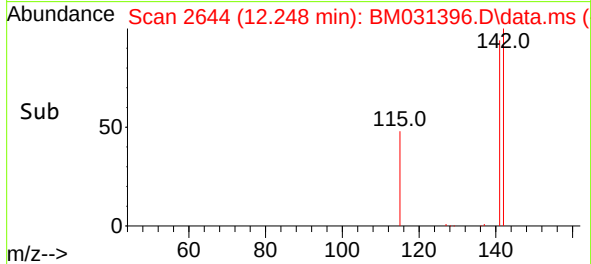
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#8
1-Methylnaphthalene
Concen: 1.85 ng/ul
RT: 12.248 min Scan# 2644
Delta R.T. -0.006 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



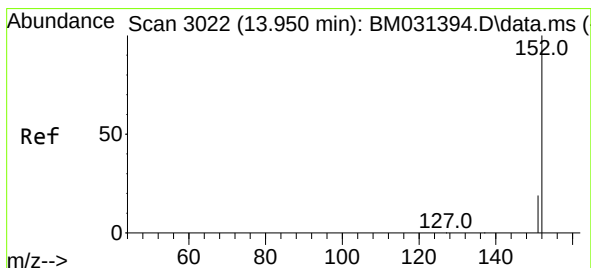
Tgt Ion:142 Resp: 17375
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1



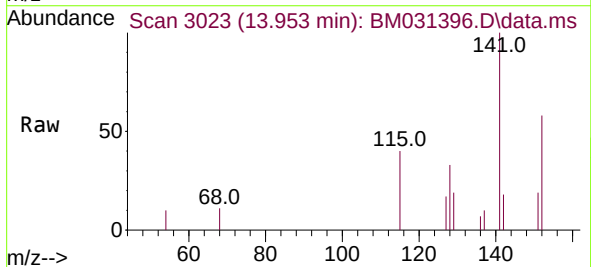
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BNA_M
ClientSampled :
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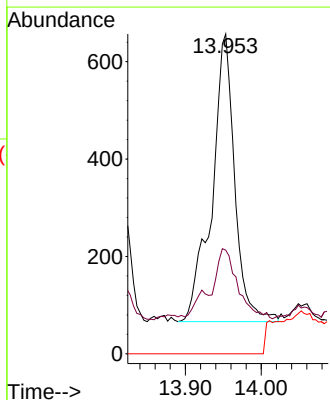
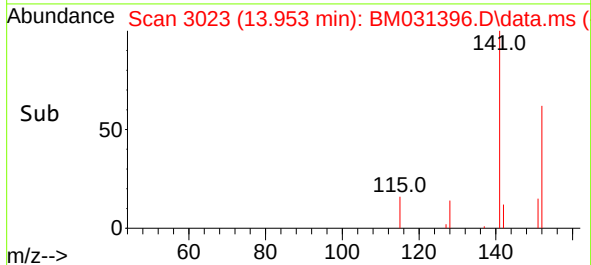
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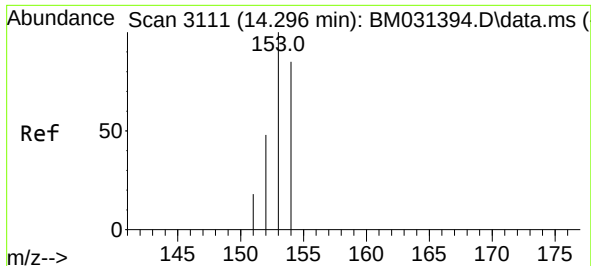


#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.953 min Scan# 3023
Delta R.T. -0.001 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



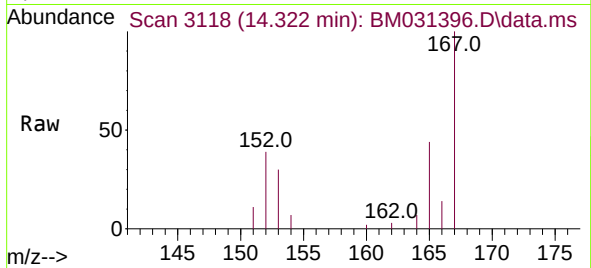
Tgt Ion:152 Resp: 1214
Ion Ratio Lower Upper
152 100
151 32.4 16.9 25.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.14 ng/ul m
RT: 14.322 min Scan# 3118
Delta R.T. 0.026 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

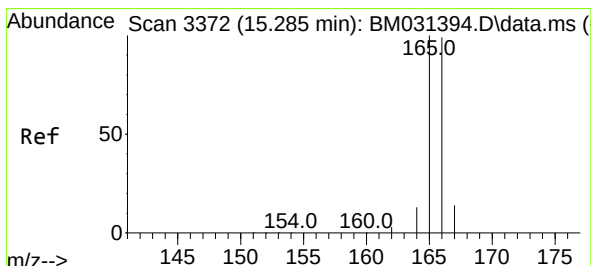
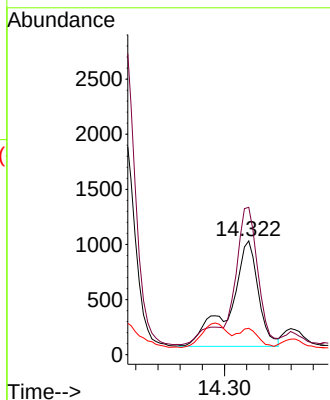
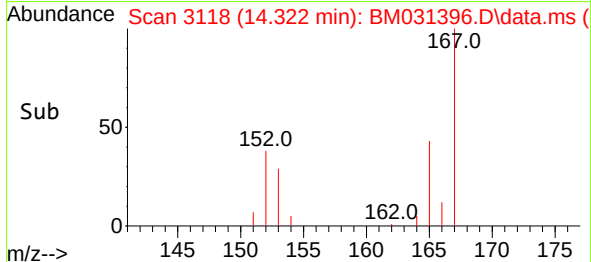
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BNA_M
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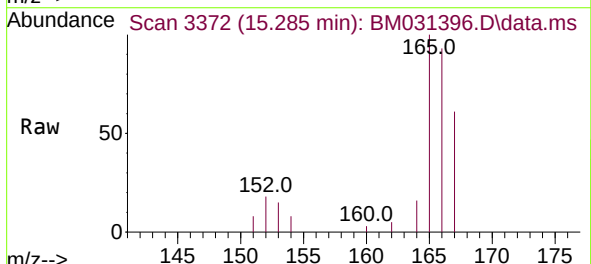
Tgt Ion:153 Resp: 1704
Ion Ratio Lower Upper
153 100
152 129.6 40.7 61.1#
154 23.2 70.2 105.2#

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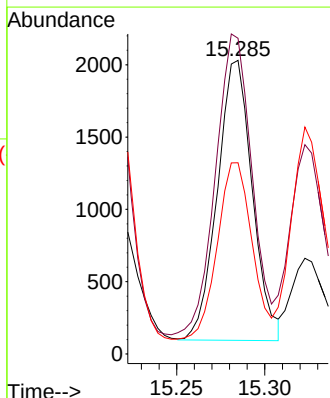
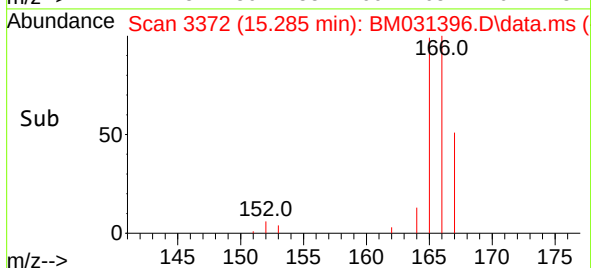
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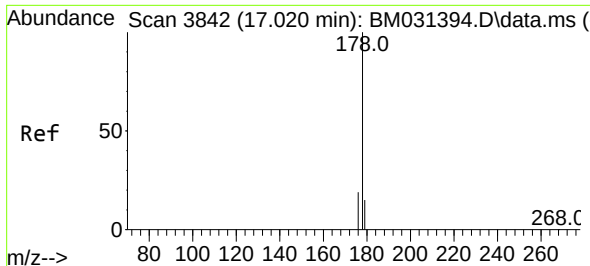


#12
Fluorene
Concen: 0.19 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. -0.000 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



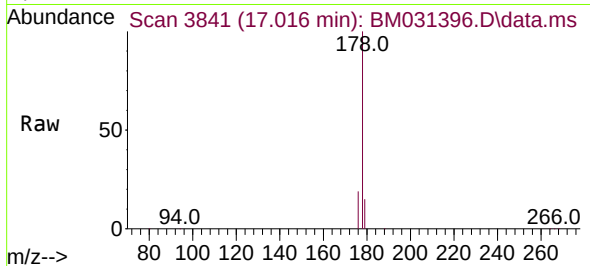
Tgt Ion:166 Resp: 2672
Ion Ratio Lower Upper
166 100
165 107.5 78.0 117.0
167 65.1 12.0 18.0#





#15
Phenanthrene
Concen: 3.36 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.007 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

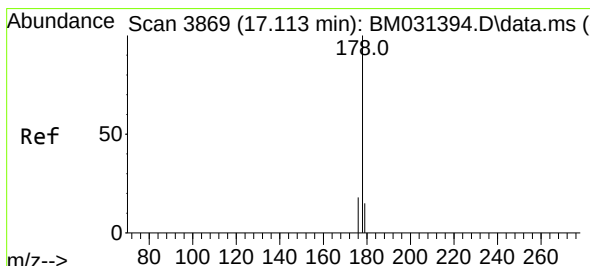
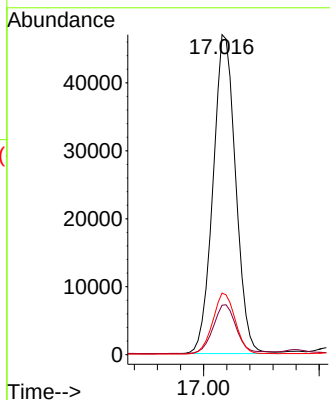
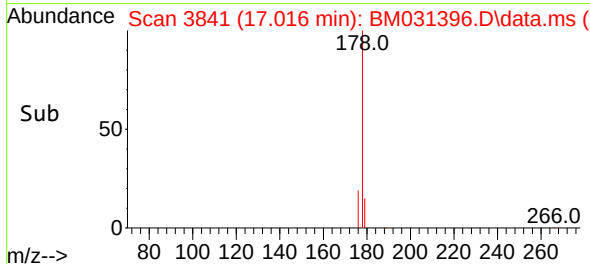
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ClientSampled :
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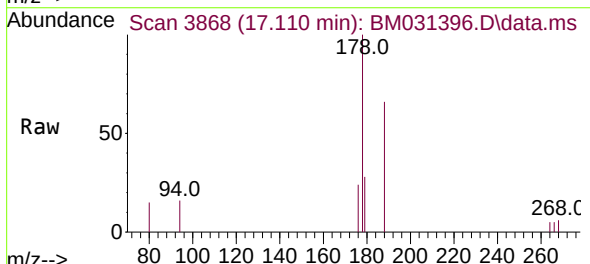
Tgt Ion:178 Resp: 64039
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.3 16.2 24.4

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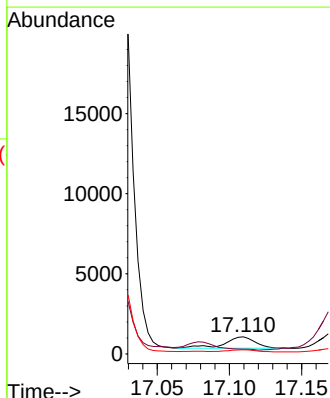
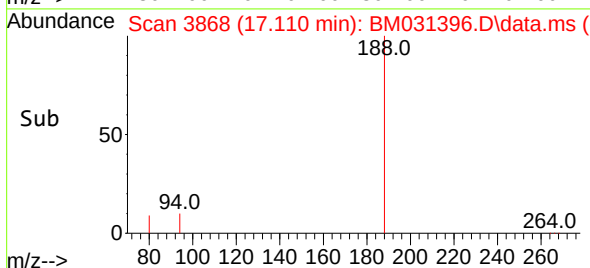
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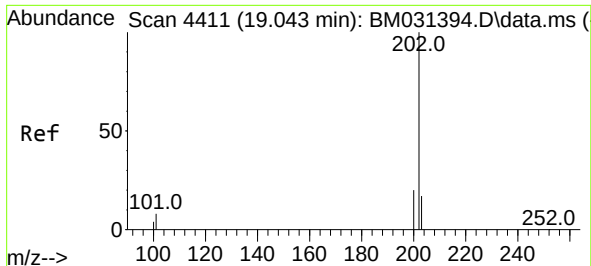


#16
Anthracene
Concen: 0.06 ng/ul m
RT: 17.110 min Scan# 3868
Delta R.T. -0.004 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



Tgt Ion:178 Resp: 1074
Ion Ratio Lower Upper
178 100
179 28.5 13.0 19.6#
176 23.9 15.6 23.4#





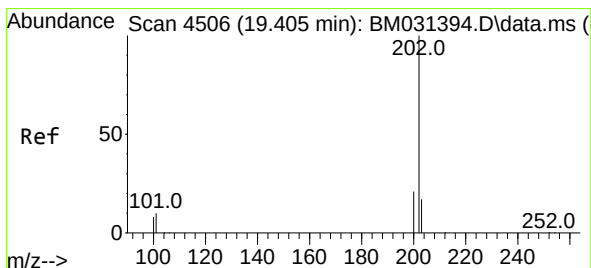
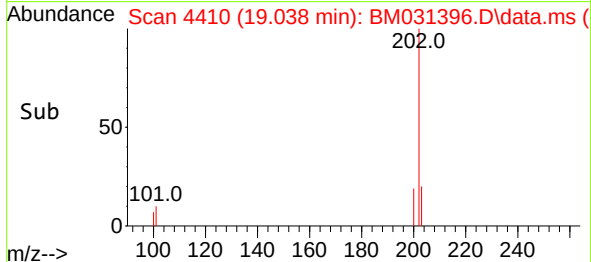
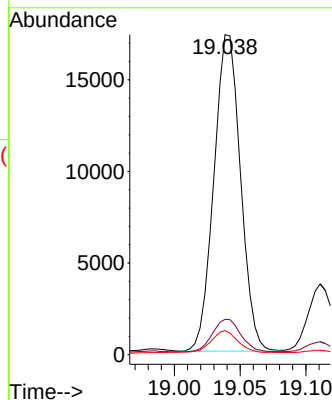
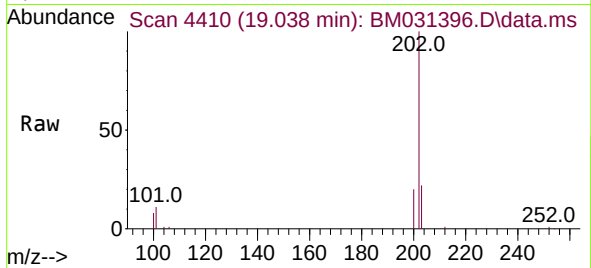
#19
Fluoranthene
Concen: 1.13 ng/ul
RT: 19.038 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

Tgt Ion:202 Resp: 24338
Ion Ratio Lower Upper
202 100
101 11.1 6.6 10.0#
100 7.5 5.4 8.0

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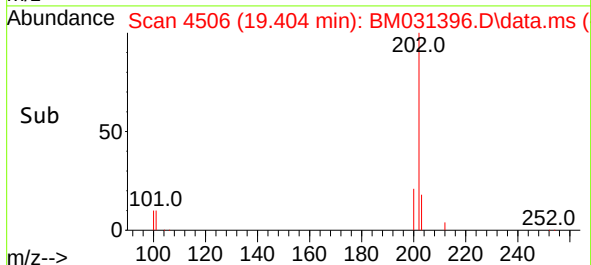
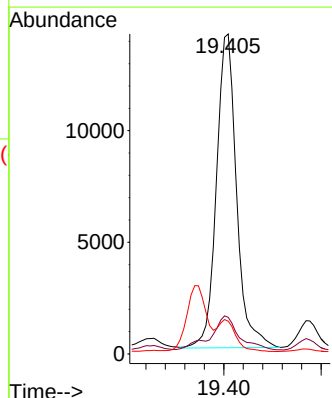
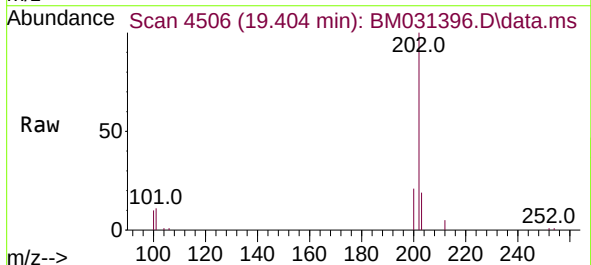
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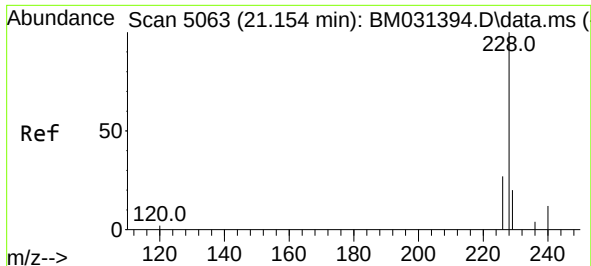
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#20
Pyrene
Concen: 0.93 ng/ul
RT: 19.404 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

Tgt Ion:202 Resp: 20157
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 10.3 6.6 10.0#





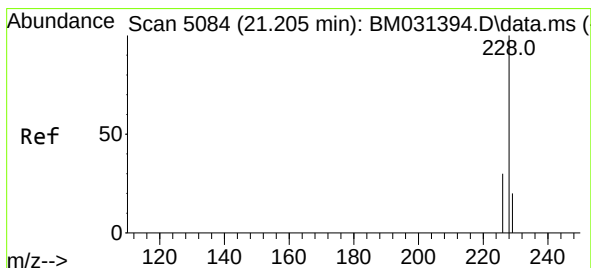
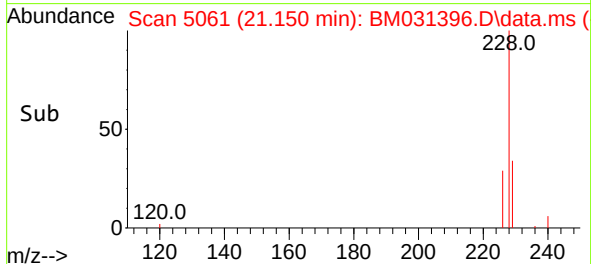
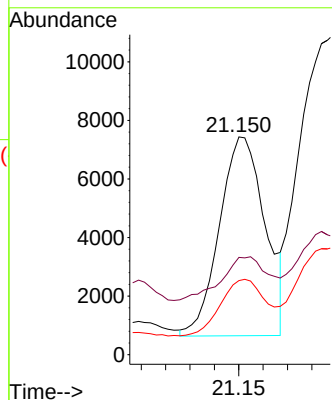
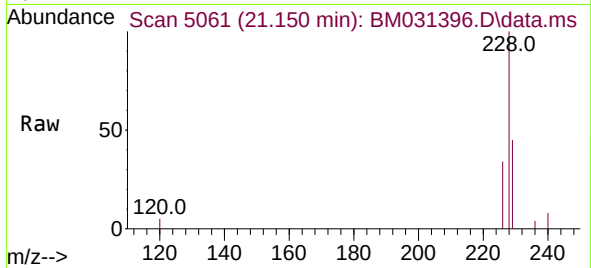
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Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.150 min Scan# 5061
Delta R.T. -0.009 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

Tgt Ion:228 Resp: 8889
Ion Ratio Lower Upper
228 100
229 44.7 15.6 23.4#
226 34.1 21.7 32.5#

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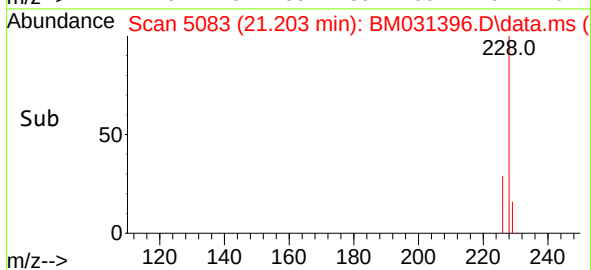
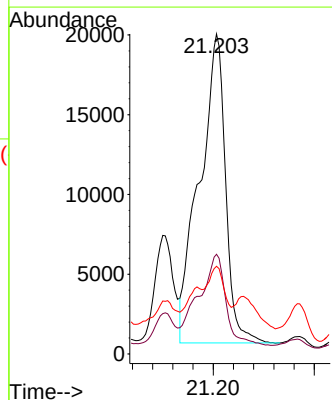
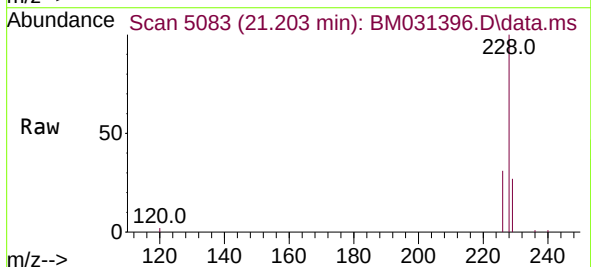
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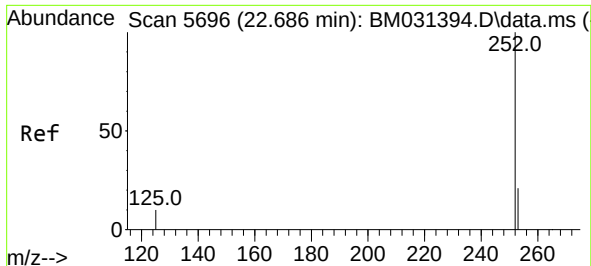
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#22
Chrysene
Concen: 1.65 ng/ul
RT: 21.203 min Scan# 5083
Delta R.T. -0.006 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

Tgt Ion:228 Resp: 34617
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 27.4 16.2 24.2#





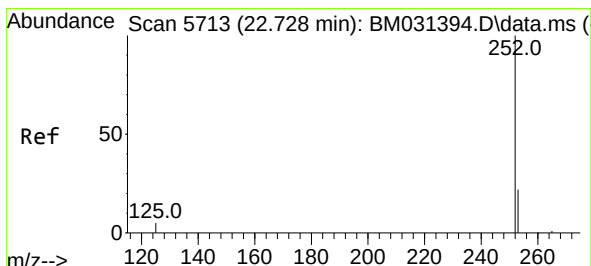
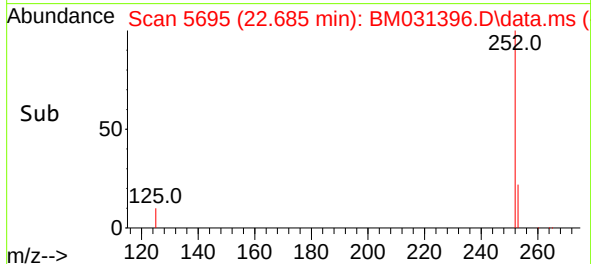
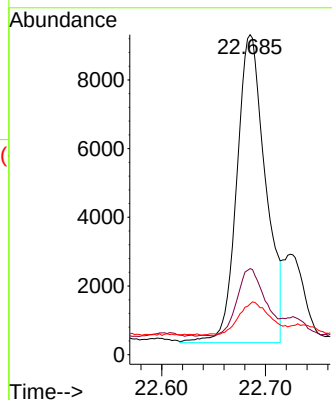
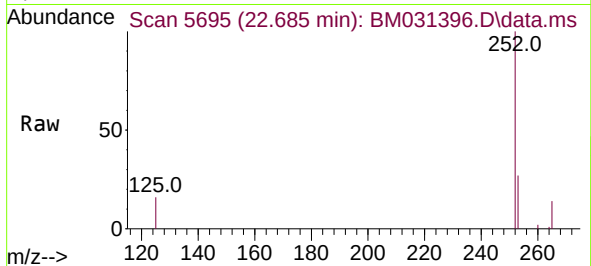
#24
Benzo(b)fluoranthene
Concen: 0.81 ng/ul m
RT: 22.685 min Scan# 5695
Delta R.T. -0.006 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

Tgt Ion:	252	Resp:	17231
Ion Ratio	Lower	Upper	
252	100		
253	26.9	0.0	53.0
125	15.9	0.0	22.8

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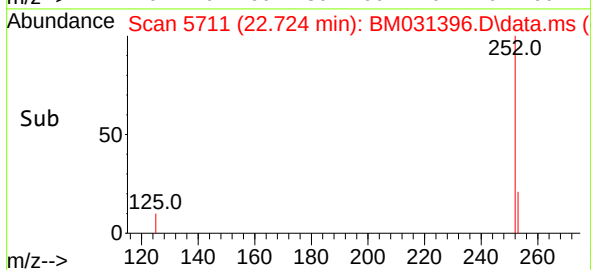
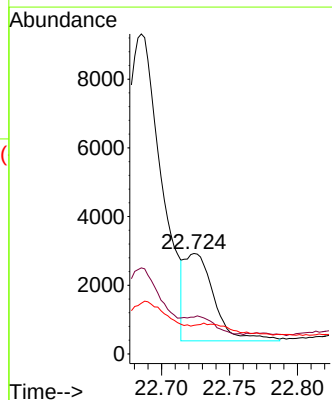
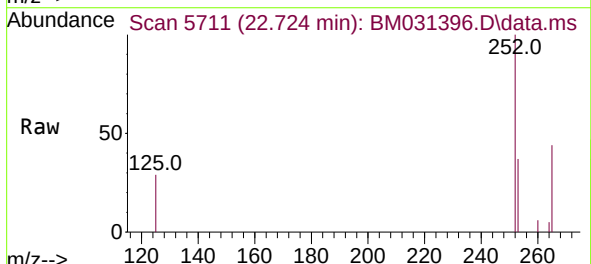
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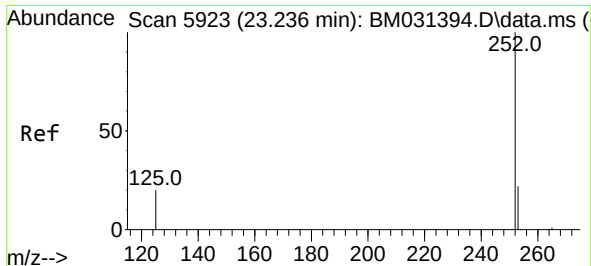
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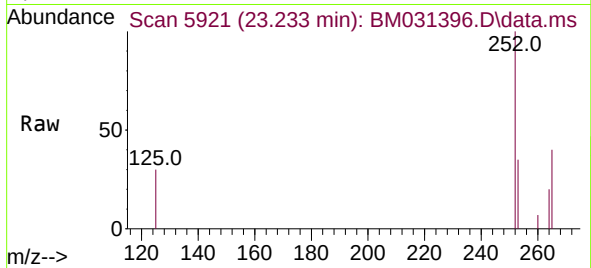
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Benzo(k)fluoranthene
Concen: 0.18 ng/ul m
RT: 22.724 min Scan# 5711
Delta R.T. -0.011 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23

Tgt Ion:	252	Resp:	3882
Ion Ratio	Lower	Upper	
252	100		
253	36.7	21.3	31.9#
125	28.6	8.8	13.2#

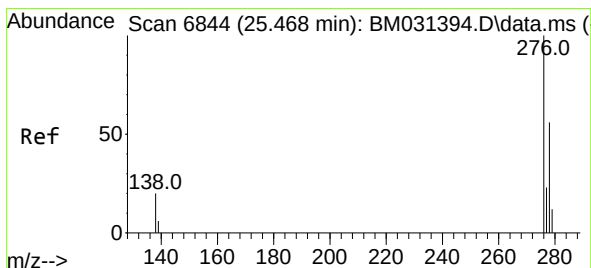
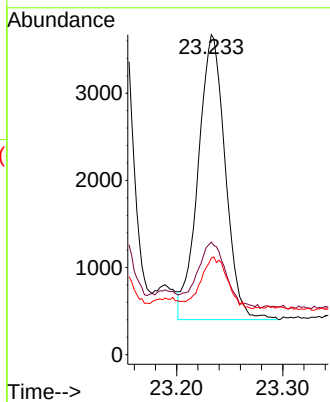
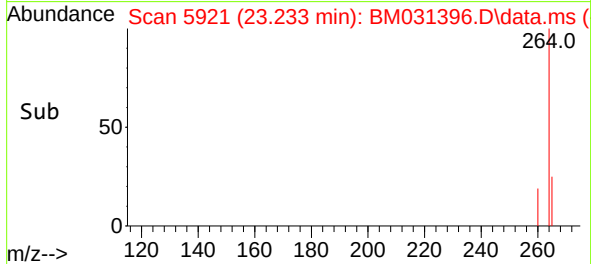




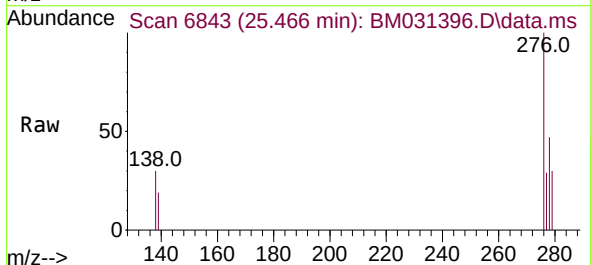
#26
Benzo(a)pyrene
Concen: 0.31 ng/ul
RT: 23.233 min Scan# 5921
Delta R.T. -0.011 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



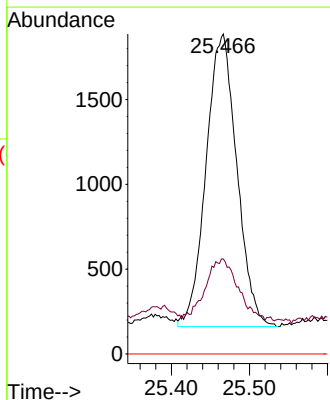
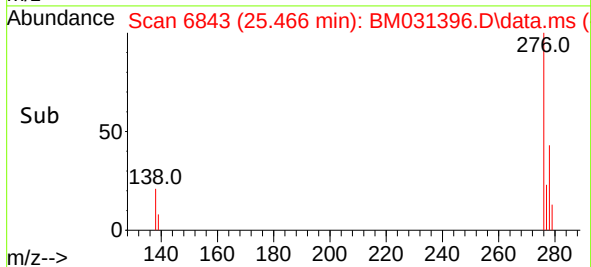
Tgt Ion:252 Resp: 5806
Ion Ratio Lower Upper
252 100
253 35.2 22.4 33.6#
125 30.2 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. -0.013 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



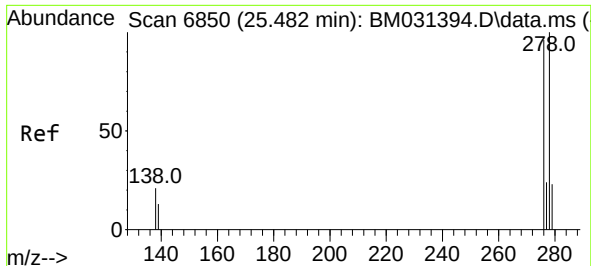
Tgt Ion:276 Resp: 4729
Ion Ratio Lower Upper
276 100
138 22.1 15.8 23.8
227 0.0 0.0 0.0



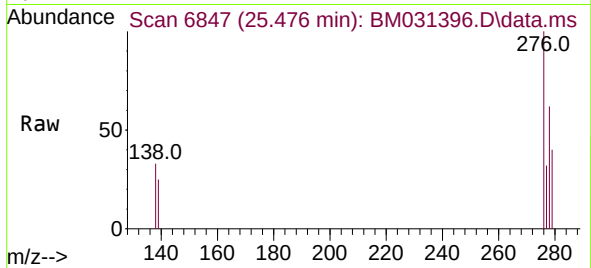
Instrument :
BNA_M
ClientSampled :
C0076

Manual Integrations
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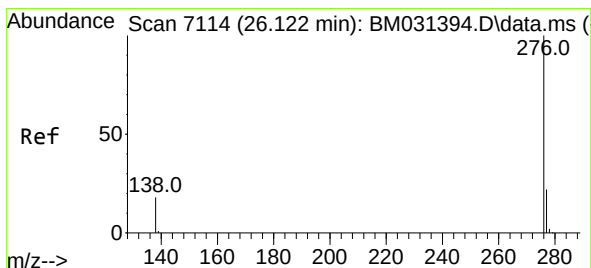
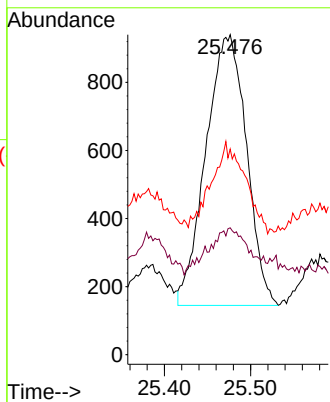
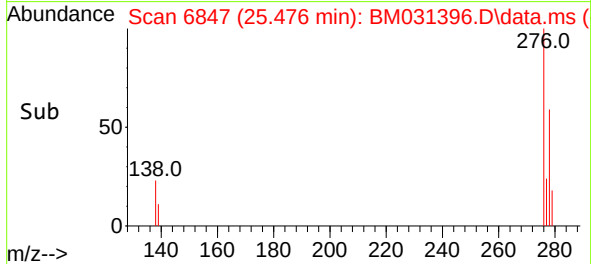
mohammad
8/3/2021 11:51:15 AM



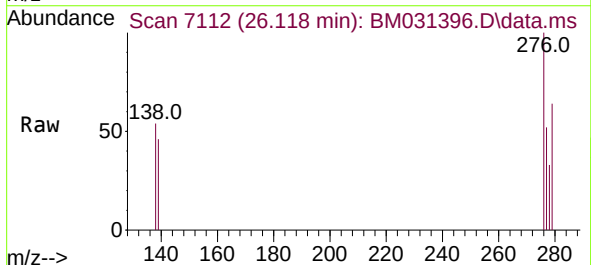
#28
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 25.476 min Scan# 6847
Delta R.T. -0.016 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



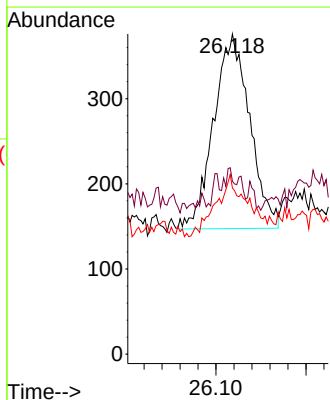
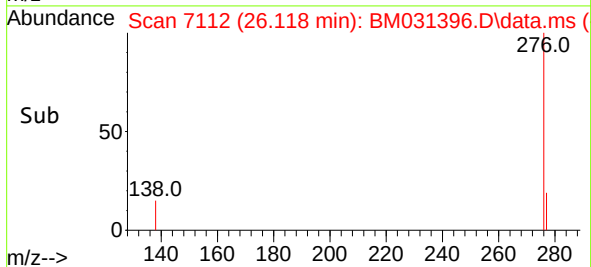
Tgt Ion: 278 Resp: 2604
Ion Ratio Lower Upper
278 100
139 39.7 13.3 19.9#
279 64.3 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 26.118 min Scan# 7112
Delta R.T. -0.013 min
Lab File: BM031396.D
Acq: 03 Aug 2021 04:23



Tgt Ion: 276 Resp: 635
Ion Ratio Lower Upper
276 100
138 54.0 15.4 23.2#
277 51.9 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C0076

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:15 AM