

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031391.D
 Acq On : 03 Aug 2021 00:43
 Operator : CG/JU
 Sample : M3123-04DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0067DL

Manual Integrations
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mohammad
 8/3/2021 11:51:12 AM

Quant Time: Aug 03 03:15:57 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 02:07:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1716	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6828	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.227	164	4851	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	8040	0.40	ng/ul	0.00
17) Chrysene-d12	21.168	240	6185	0.40	ng/ul	0.00
23) Perylene-d12	23.329	264	5825	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	523	0.27	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	259	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	536	0.03	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	67533	3.32	ng/ul	96
7) 2-Methylnaphthalene	12.029	142	66777	4.81	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	32345	2.36	ng/ul	100
10) Acenaphthylene	13.954	152	612	0.03	ng/ul#	51
12) Fluorene	15.285	166	1047	0.05	ng/ul#	62
15) Phenanthrene	17.020	178	120265	4.71	ng/ul	97
16) Anthracene	17.110	178	3992	0.17	ng/ul	97
19) Fluoranthene	19.043	202	17698	0.67	ng/ul#	94
20) Pyrene	19.401	202	13126	0.49	ng/ul#	94
21) Benzo(a)anthracene	21.151	228	9967m	0.40	ng/ul	
22) Chrysene	21.205	228	31941	1.24	ng/ul	97
24) Benzo(b)fluoranthene	22.686	252	6717m	0.26	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	566m	0.02	ng/ul	
26) Benzo(a)pyrene	23.234	252	985	0.04	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.482	278	711	0.03	ng/ul#	1

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

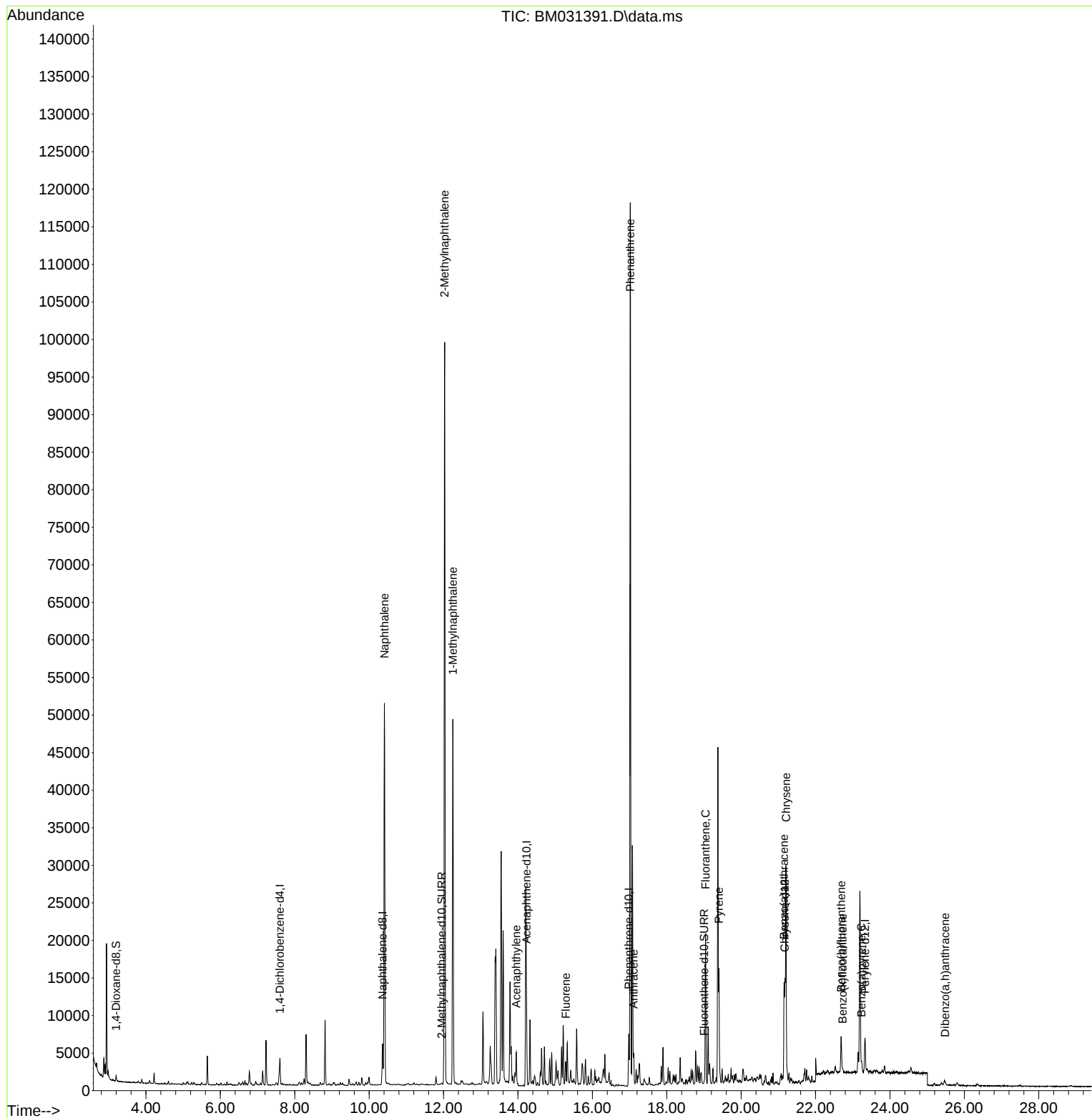
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031391.D
Acq On : 03 Aug 2021 00:43
Operator : CG/JU
Sample : M3123-04DL 5X
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ALS Vial : 22 Sample Multiplier: 1

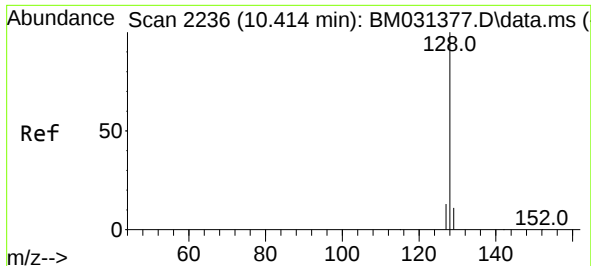
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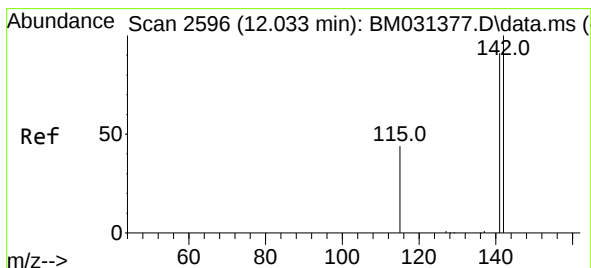
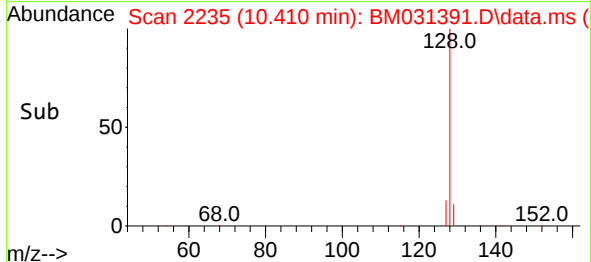
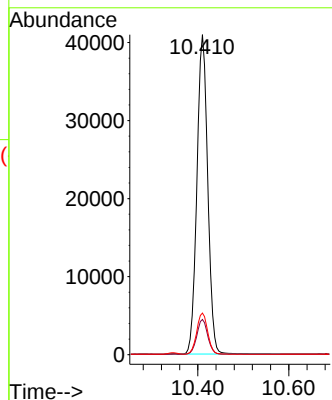
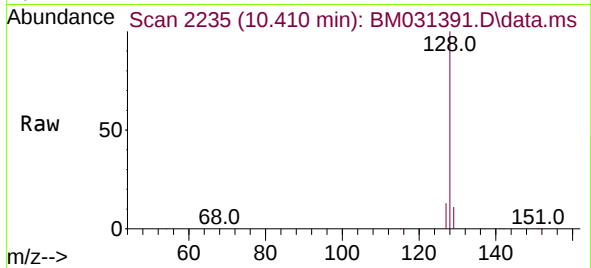
#5
Naphthalene
Concen: 3.32 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion:128 Resp: 67533
Ion Ratio Lower Upper
128 100
129 11.0 10.0 15.0
127 13.0 11.6 17.4

Instrument :
BNA_M
ClientSampleId :
C0067DL

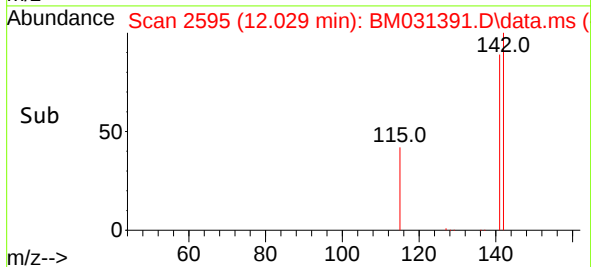
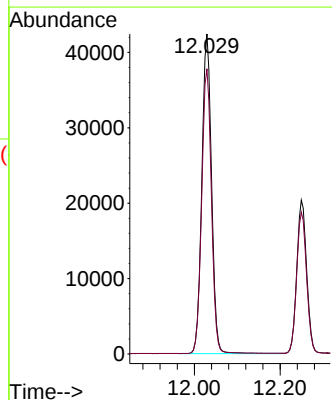
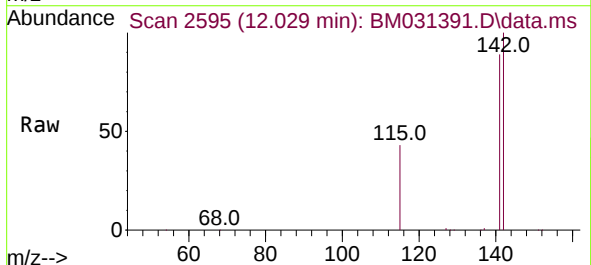
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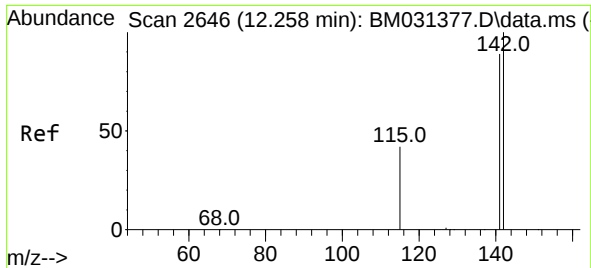
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#7
2-Methylnaphthalene
Concen: 4.81 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion:142 Resp: 66777
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0





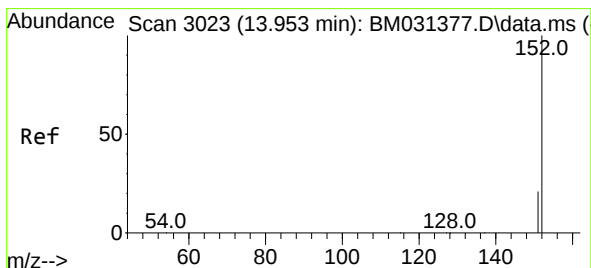
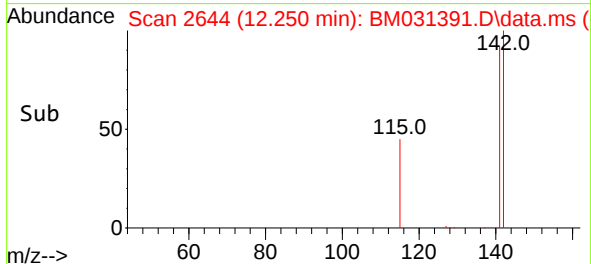
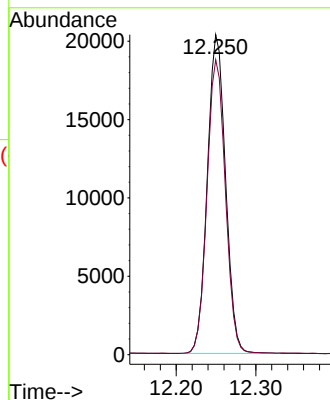
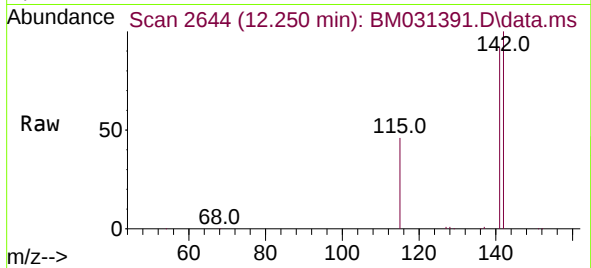
#8
1-Methylnaphthalene
Concen: 2.36 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion:142 Resp: 32345
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
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ClientSampled :
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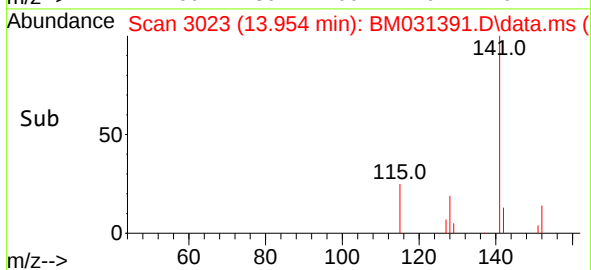
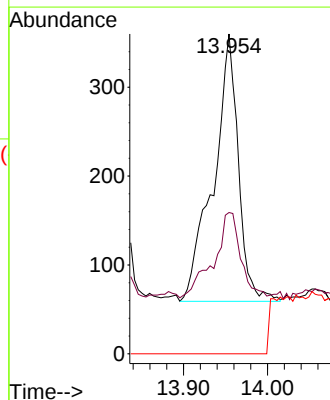
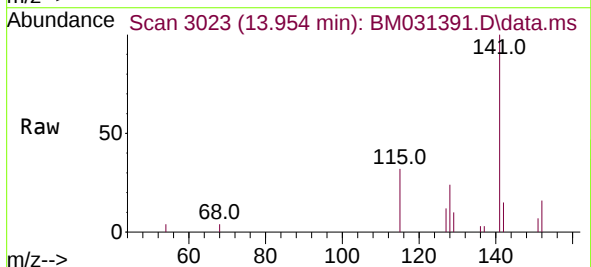
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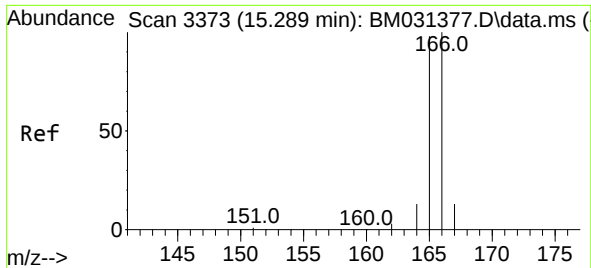
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#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion:152 Resp: 612
Ion Ratio Lower Upper
152 100
151 44.2 16.9 25.3#
153 0.0 0.0 0.0





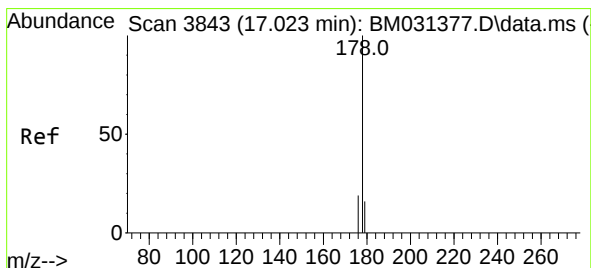
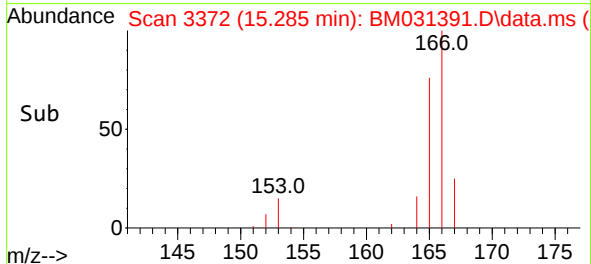
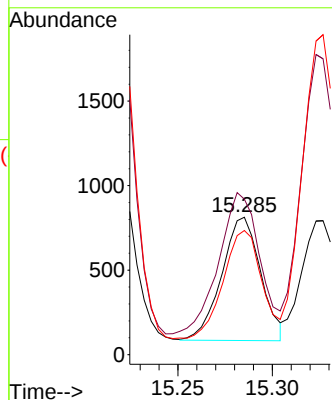
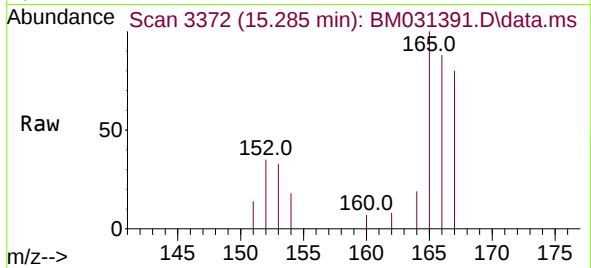
#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion:166 Resp: 1047
Ion Ratio Lower Upper
166 100
165 113.2 78.0 117.0
167 90.3 12.0 18.0#

Instrument :
BNA_M
ClientSampleId :
C0067DL

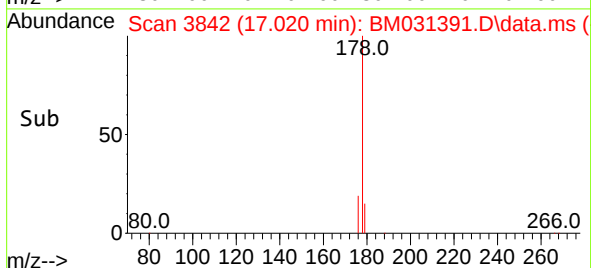
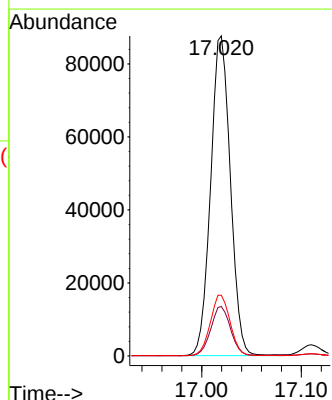
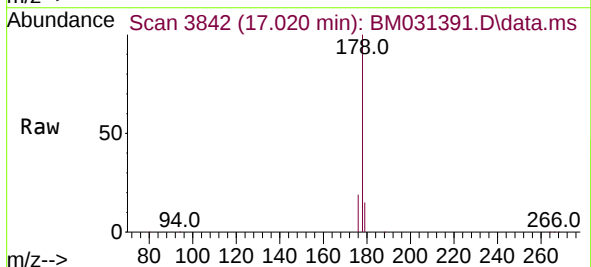
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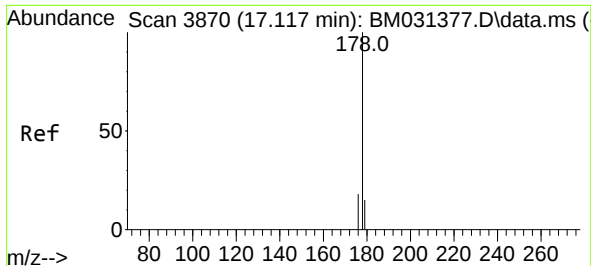
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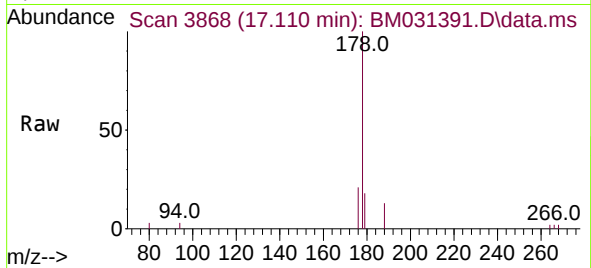
#15
Phenanthrene
Concen: 4.71 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion:178 Resp: 120265
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 18.9 16.2 24.4





#16
 Anthracene
 Concen: 0.17 ng/ul
 RT: 17.110 min Scan# 3868
 Delta R.T. -0.003 min
 Lab File: BM031391.D
 Acq: 03 Aug 2021 00:43

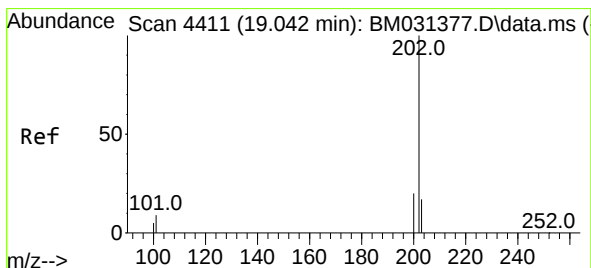
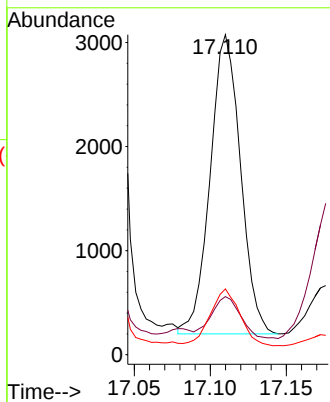
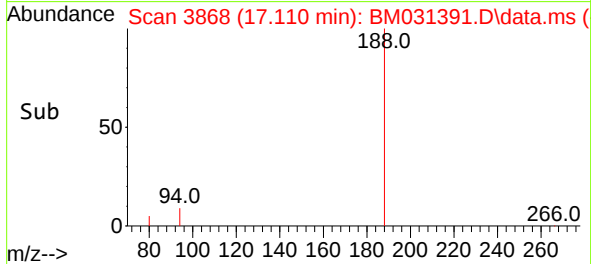


Tgt Ion:	178	Resp:	3992
Ion Ratio	Lower	Upper	
178	100		
179	18.2	13.0	19.6
176	20.6	15.6	23.4

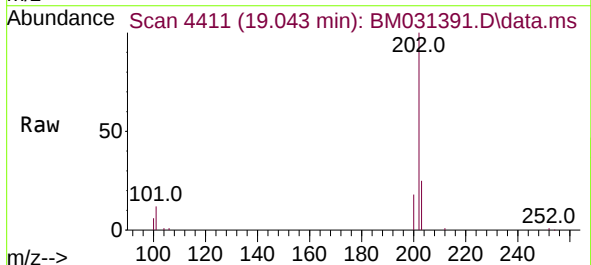
Instrument :
 BNA_M
 ClientSampleID :
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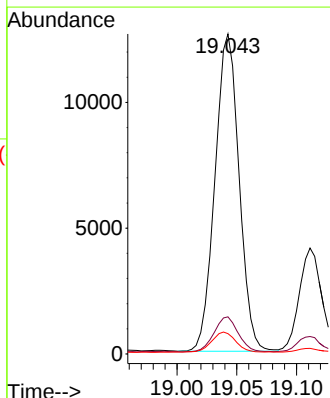
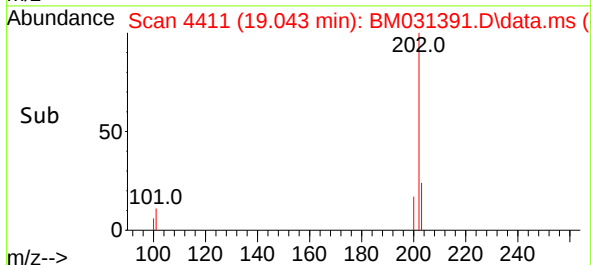
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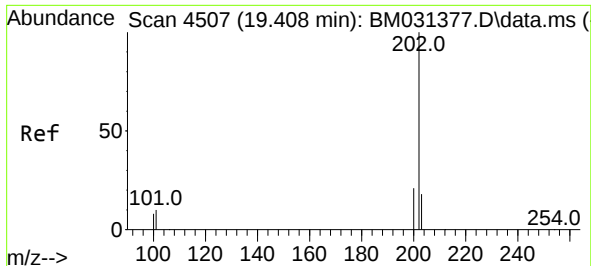


#19
 Fluoranthene
 Concen: 0.67 ng/ul
 RT: 19.043 min Scan# 4411
 Delta R.T. 0.000 min
 Lab File: BM031391.D
 Acq: 03 Aug 2021 00:43



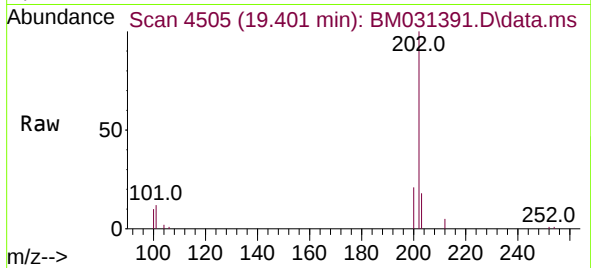
Tgt Ion:	202	Resp:	17698
Ion Ratio	Lower	Upper	
202	100		
101	11.6	6.6	10.0#
100	6.4	5.4	8.0





#20
Pyrene
Concen: 0.49 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

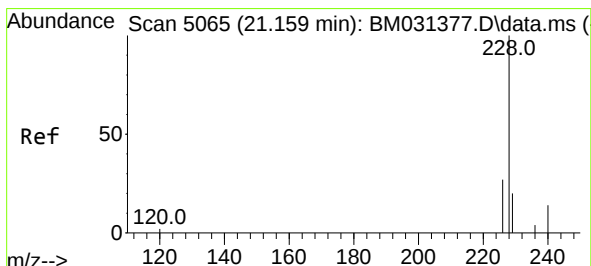
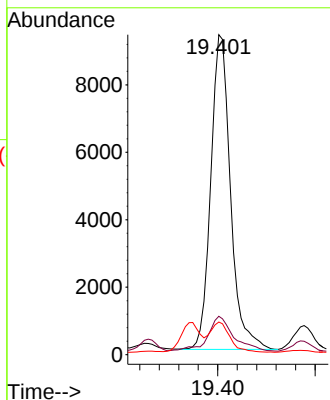
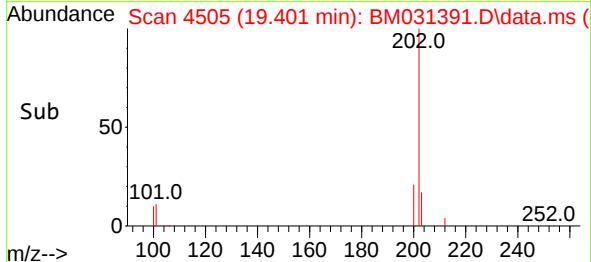
Instrument :
BNA_M
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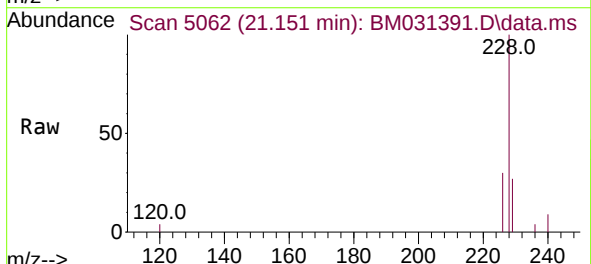
Tgt Ion:202 Resp: 13126
Ion Ratio Lower Upper
202 100
101 12.0 7.8 11.6#
100 10.2 6.6 10.0#

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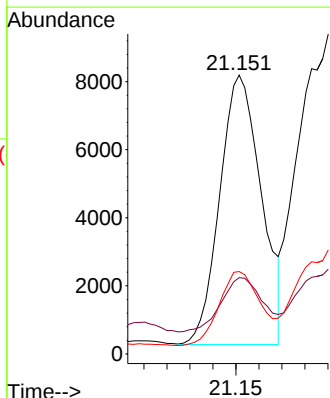
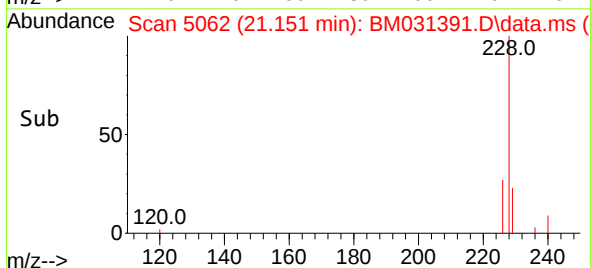
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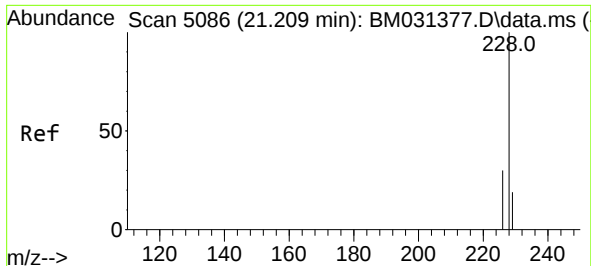


#21
Benzo(a)anthracene
Concen: 0.40 ng/ul m
RT: 21.151 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

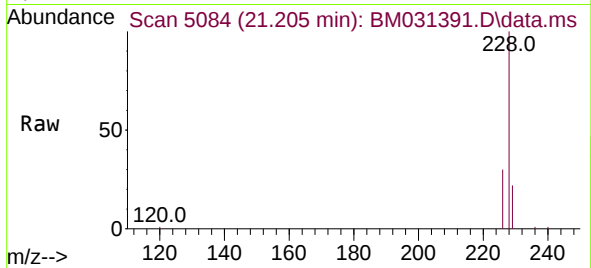


Tgt Ion:228 Resp: 9967
Ion Ratio Lower Upper
228 100
229 27.4 15.6 23.4#
226 29.6 21.7 32.5

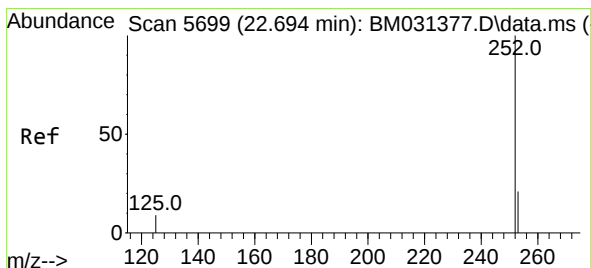
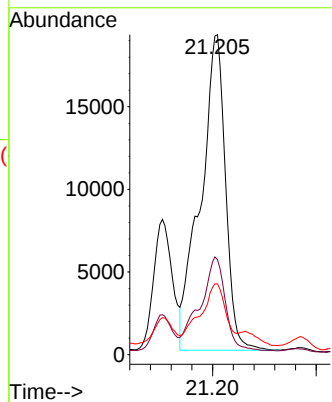
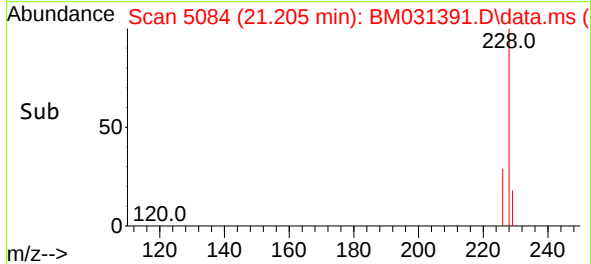




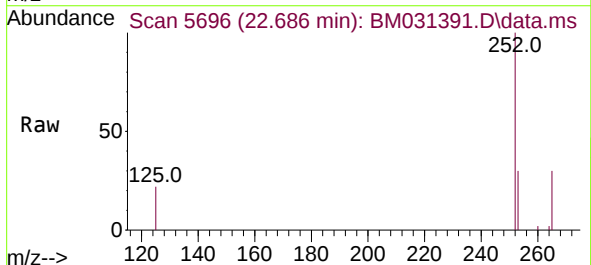
#22
Chrysene
Concen: 1.24 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43



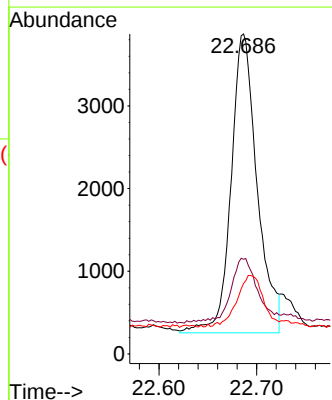
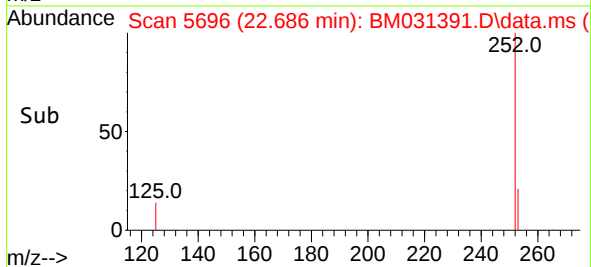
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Ion Ratio Lower Upper
228 100
226 29.7 24.7 37.1
229 22.1 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.26 ng/ul m
RT: 22.686 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43



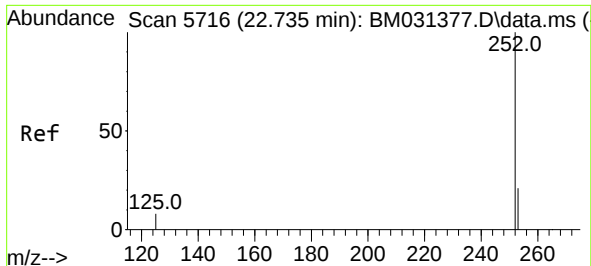
Tgt Ion:252 Resp: 6717
Ion Ratio Lower Upper
252 100
253 29.6 0.0 53.0
125 22.0 0.0 22.8



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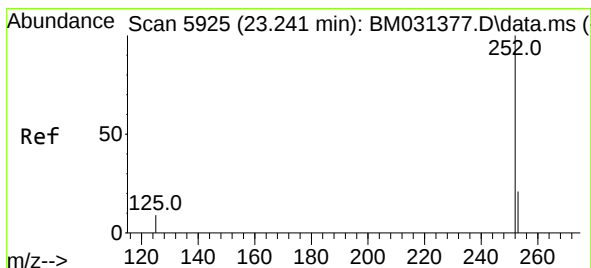
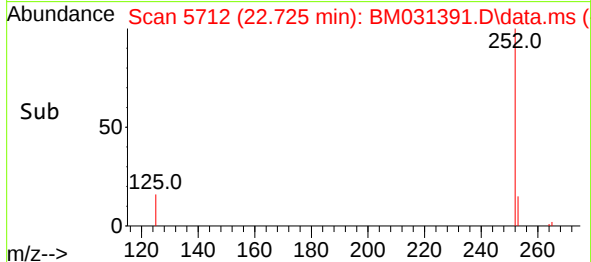
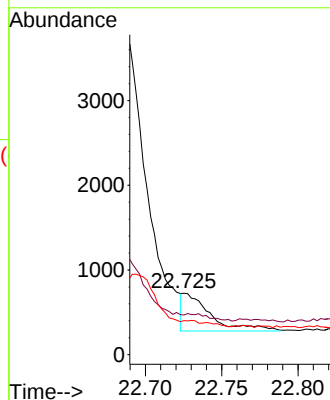
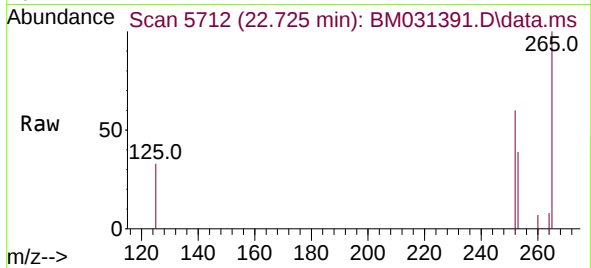
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Benzo(k)fluoranthene
Concen: 0.02 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.010 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.6	21.3	31.9#
125	55.4	8.8	13.2#

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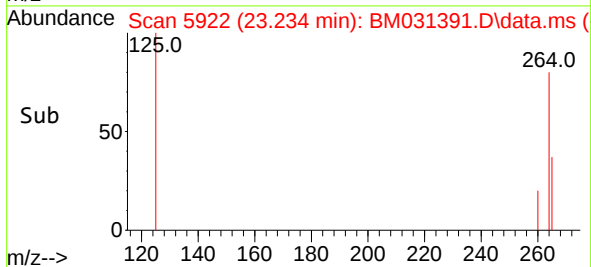
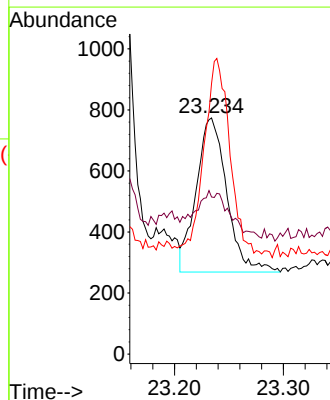
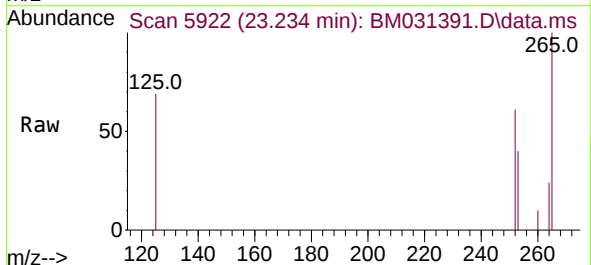
Manual Integrations
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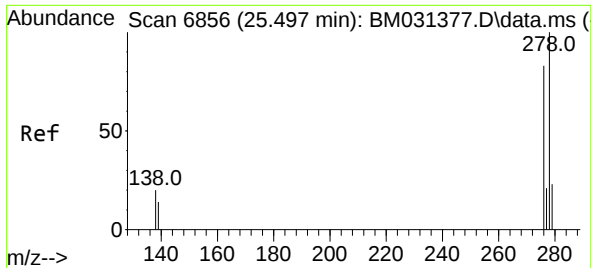
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8/3/2021 11:51:12 AM



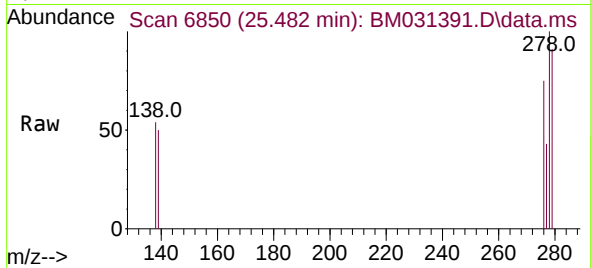
#26
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.010 min
Lab File: BM031391.D
Acq: 03 Aug 2021 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	66.5	22.4	33.6#
125	114.6	13.0	19.4#

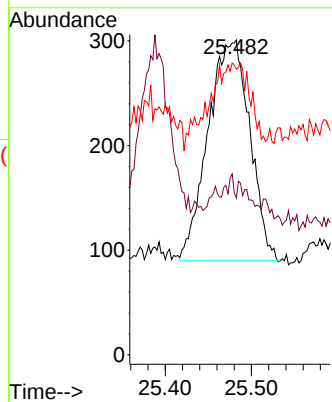
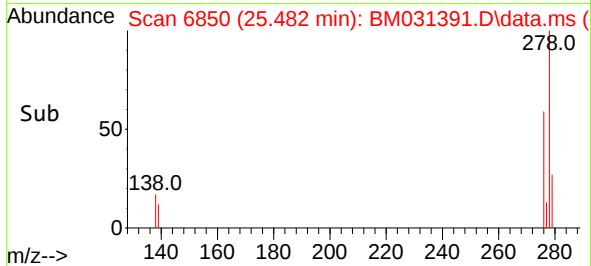




#28
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng/ul
 RT: 25.482 min Scan# 6850
 Delta R.T. -0.010 min
 Lab File: BM031391.D
 Acq: 03 Aug 2021 00:43



Tgt Ion: 278 Resp: 711
 Ion Ratio Lower Upper
 278 100
 139 49.8 13.3 19.9#
 279 90.7 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleID :
 C0067DL

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:12 AM