

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031381.D
 Acq On : 02 Aug 2021 18:33
 Operator : CG/JU
 Sample : M3123-10DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0071DL

Manual Integrations
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Quant Time: Aug 03 09:32:05 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1489	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5668	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.231	164	3388	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6232	0.40	ng/ul #	0.00
17) Chrysene-d12	21.171	240	4899	0.40	ng/ul	0.00
23) Perylene-d12	23.331	264	4742	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	861	0.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	679	0.07	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	1488	0.09	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	1189	0.07	ng/ul#	86
7) 2-Methylnaphthalene	12.034	142	3416	0.30	ng/ul	99
8) 1-Methylnaphthalene	12.254	142	3072	0.27	ng/ul	99
12) Fluorene	15.285	166	1053	0.08	ng/ul#	64
14) Pentachlorophenol	16.631	266	282	0.14	ng/ul	96
15) Phenanthrene	17.020	178	16904	0.85	ng/ul	98
19) Fluoranthene	19.043	202	3799	0.18	ng/ul#	88
20) Pyrene	19.405	202	3716	0.18	ng/ul#	90
21) Benzo(a)anthracene	21.154	228	985	0.05	ng/ul#	31
22) Chrysene	21.205	228	8415	0.41	ng/ul#	90
24) Benzo(b)fluoranthene	22.691	252	2808m	0.13	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	516m	0.02	ng/ul	
26) Benzo(a)pyrene	23.236	252	753	0.04	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.475	276	594	0.02	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.487	278	500	0.03	ng/ul#	1

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

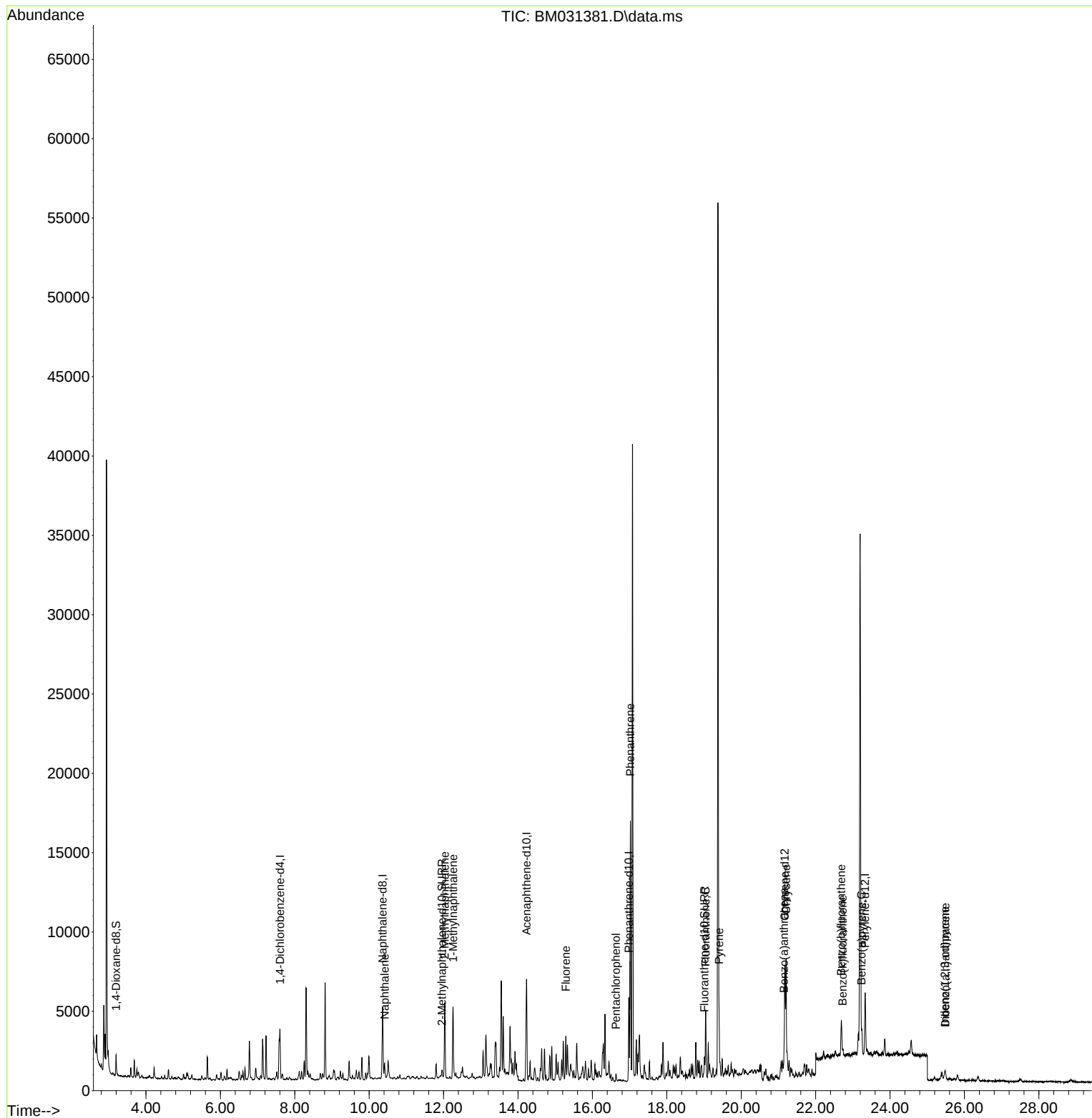
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Data File : BM031381.D
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Operator : CG/JU
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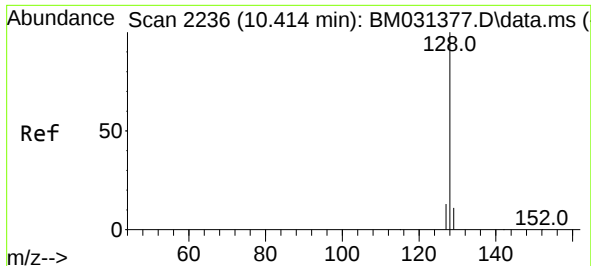
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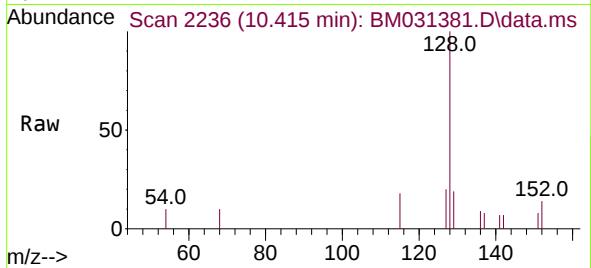
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Quant Time: Aug 03 09:32:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

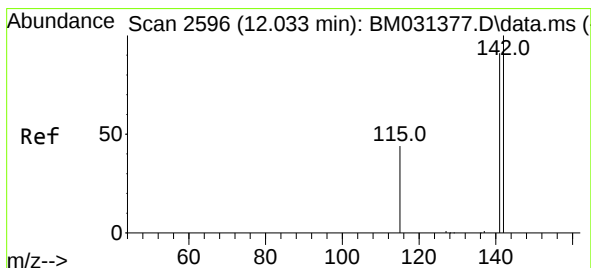
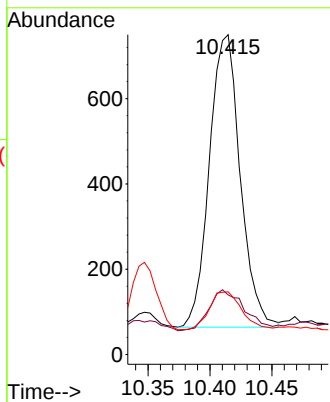
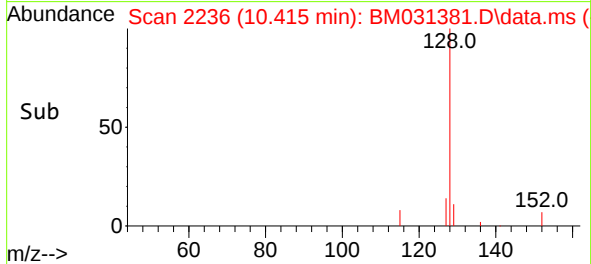




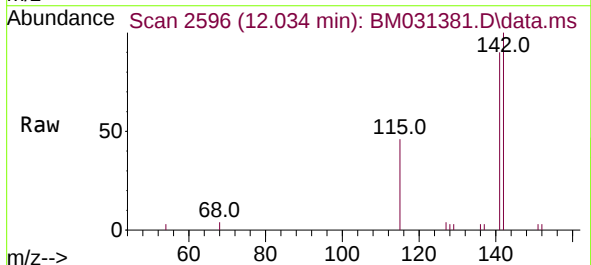
#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. 0.005 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33



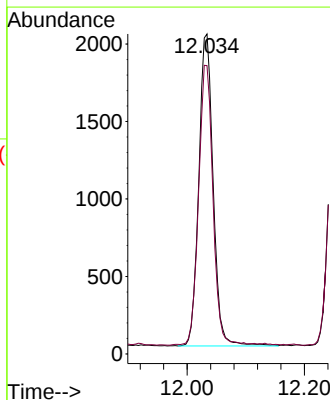
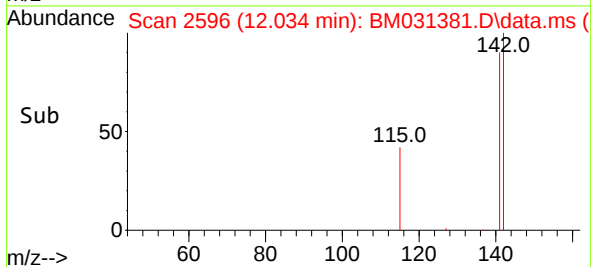
Tgt Ion:128 Resp: 1189
Ion Ratio Lower Upper
128 100
129 18.7 10.0 15.0#
127 19.6 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.30 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33



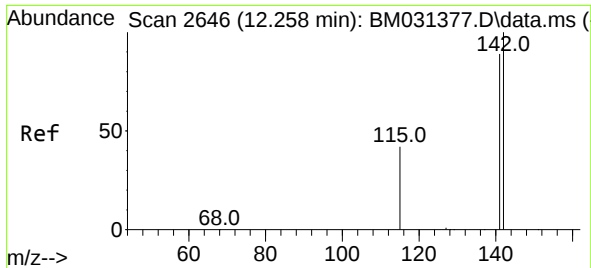
Tgt Ion:142 Resp: 3416
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.0



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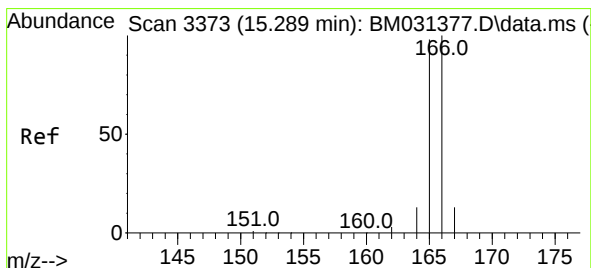
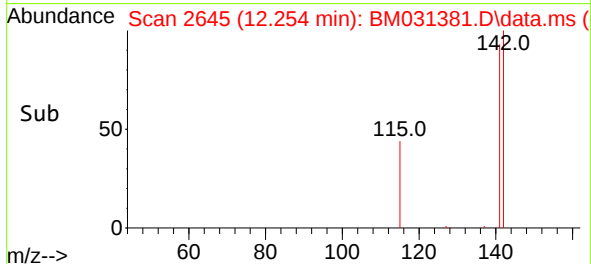
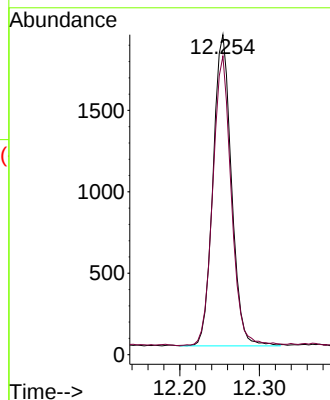
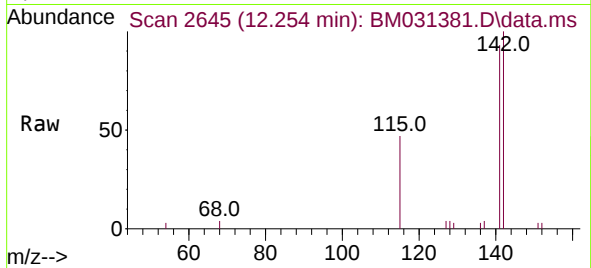
#8
1-Methylnaphthalene
Concen: 0.27 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33

Tgt Ion:142 Resp: 3072
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

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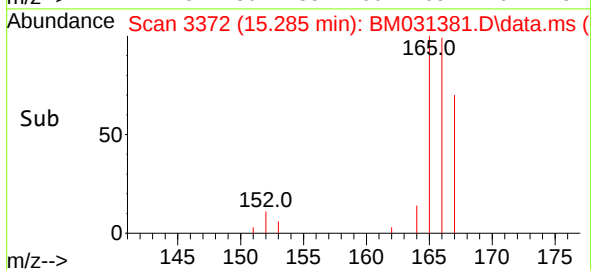
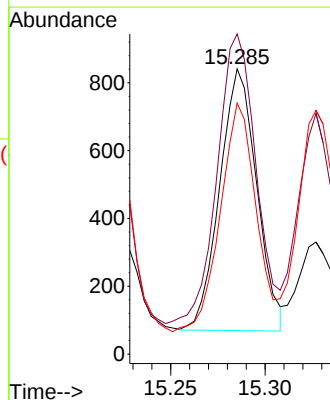
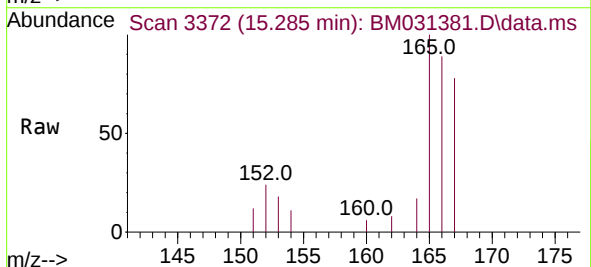
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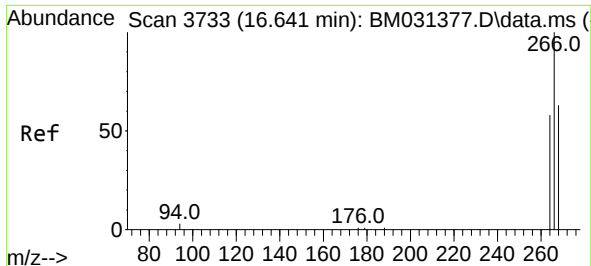
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#12
Fluorene
Concen: 0.08 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33

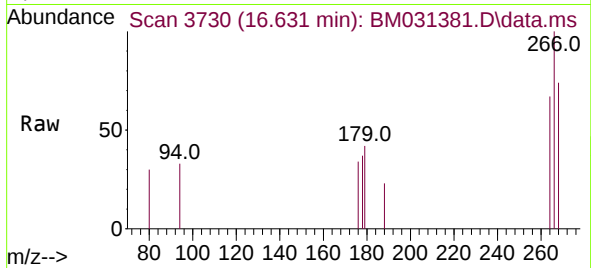
Tgt Ion:166 Resp: 1053
Ion Ratio Lower Upper
166 100
165 112.2 78.0 117.0
167 88.0 12.0 18.0#





#14
 Pentachlorophenol
 Concen: 0.14 ng/ul
 RT: 16.631 min Scan# 3730
 Delta R.T. -0.007 min
 Lab File: BM031381.D
 Acq: 02 Aug 2021 18:33

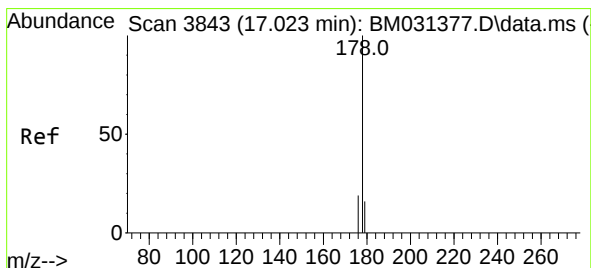
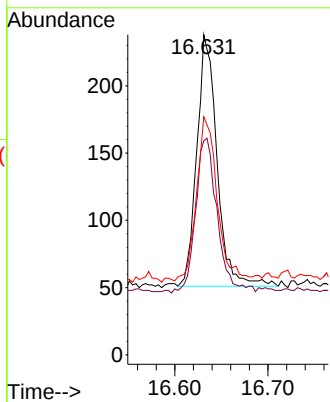
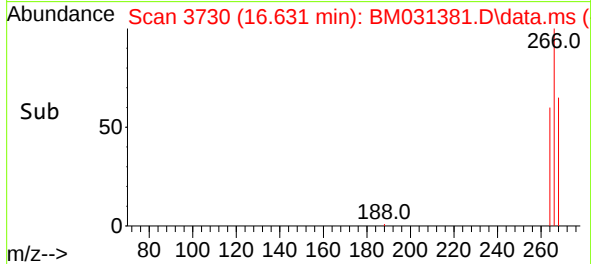
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 ClientSampleID :
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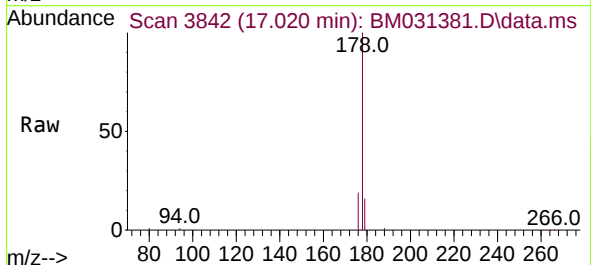
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 Ion Ratio Lower Upper
 266 100
 264 66.0 50.1 75.1
 268 67.4 51.3 76.9

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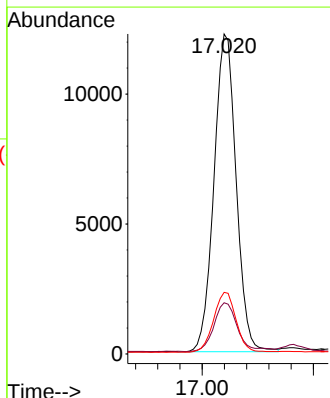
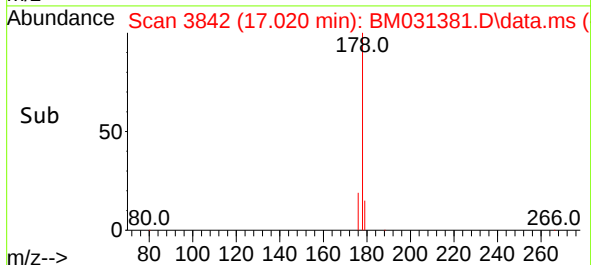
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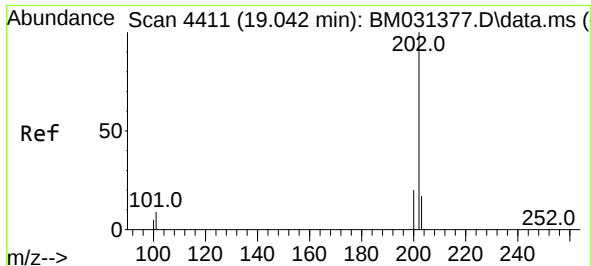


#15
 Phenanthrene
 Concen: 0.85 ng/ul
 RT: 17.020 min Scan# 3842
 Delta R.T. -0.003 min
 Lab File: BM031381.D
 Acq: 02 Aug 2021 18:33

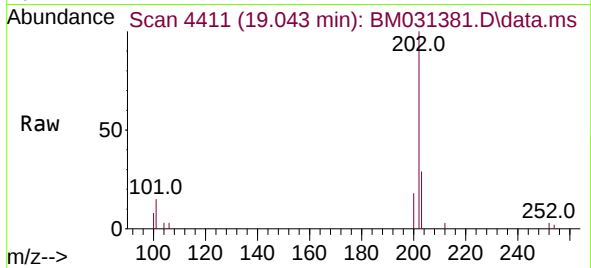


Tgt Ion:178 Resp: 16904
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.3 19.9
 176 19.3 16.2 24.4

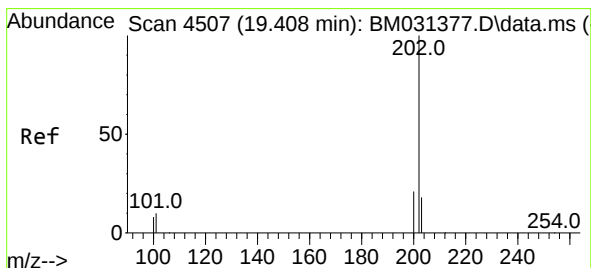
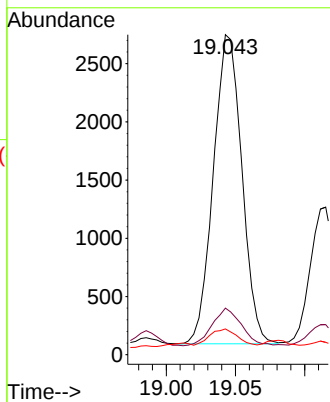
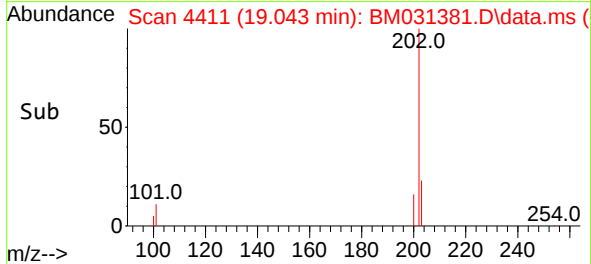




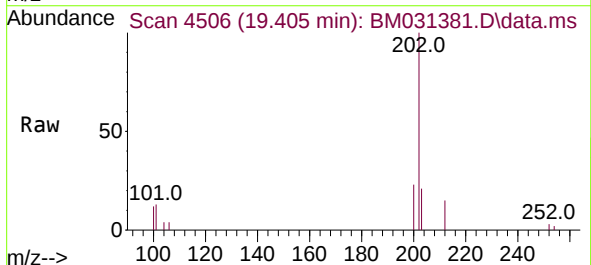
#19
Fluoranthene
Concen: 0.18 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33



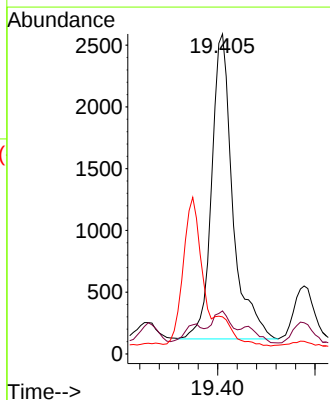
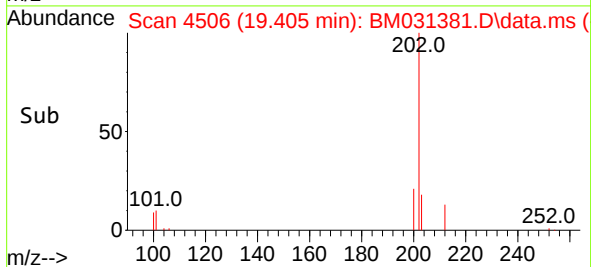
Tgt Ion:202 Resp: 3799
Ion Ratio Lower Upper
202 100
101 14.6 6.6 10.0#
100 8.1 5.4 8.0#



#20
Pyrene
Concen: 0.18 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33



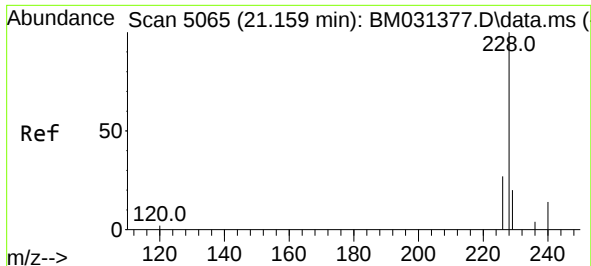
Tgt Ion:202 Resp: 3716
Ion Ratio Lower Upper
202 100
101 13.4 7.8 11.6#
100 11.6 6.6 10.0#



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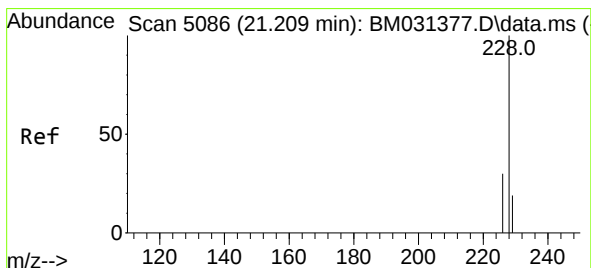
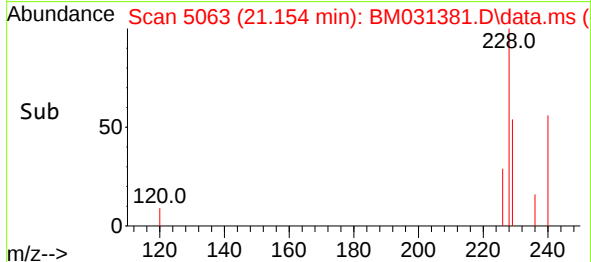
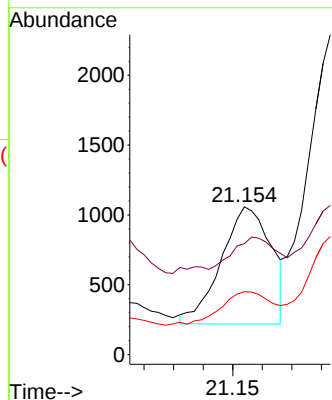
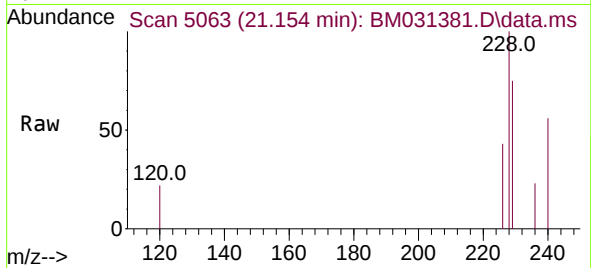
#21
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33

Tgt Ion:228	Resp:	985
Ion Ratio	Lower	Upper
228	100	
229	75.1	15.6 23.4#
226	42.6	21.7 32.5#

Instrument :
BNA_M
ClientSampled :
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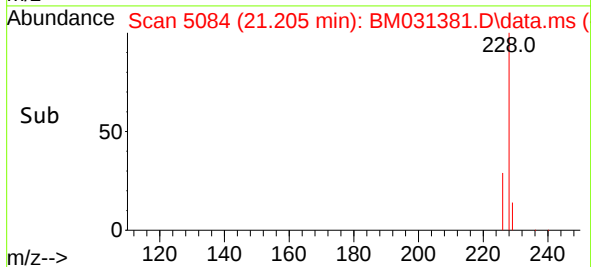
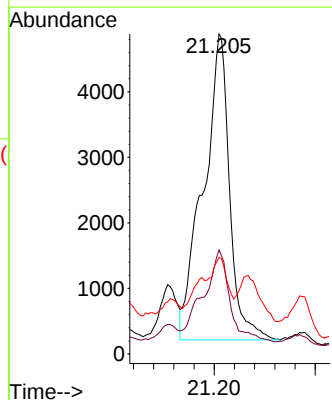
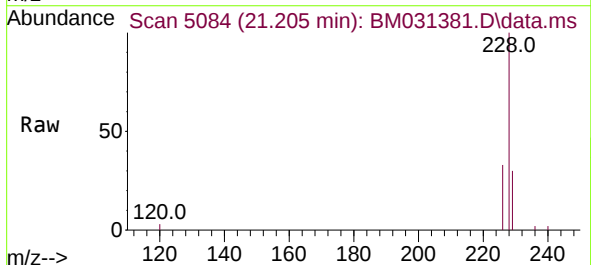
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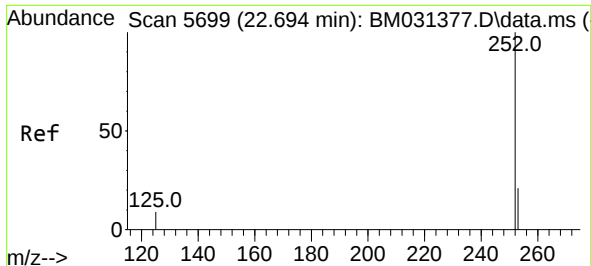
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#22
Chrysene
Concen: 0.41 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33

Tgt Ion:228	Resp:	8415
Ion Ratio	Lower	Upper
228	100	
226	32.5	24.7 37.1
229	30.1	16.2 24.2#





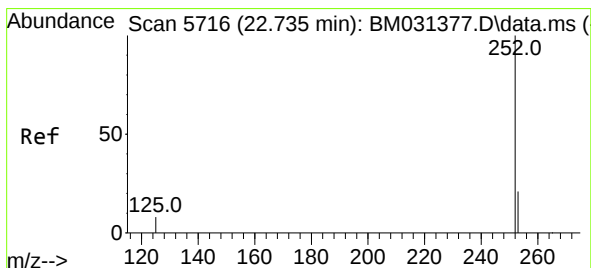
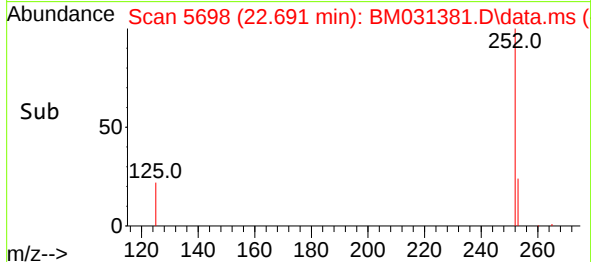
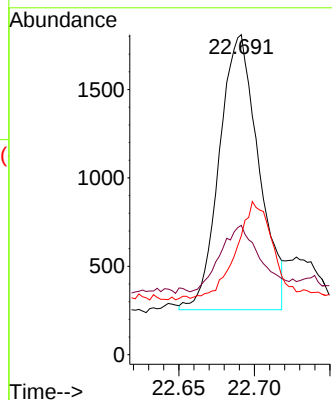
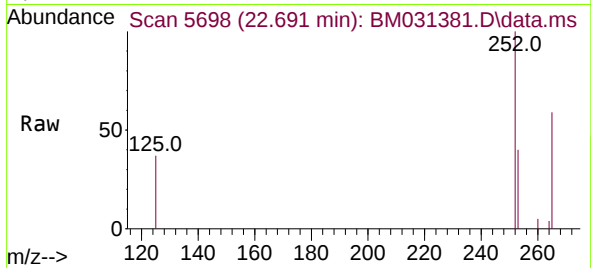
#24
Benzo(b)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. 0.000 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33

Tgt Ion:252 Resp: 2808
Ion Ratio Lower Upper
252 100
253 40.4 0.0 53.0
125 37.2 0.0 22.8#

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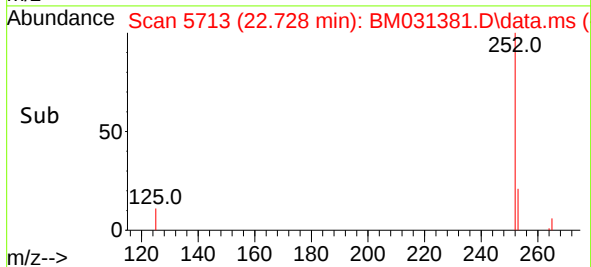
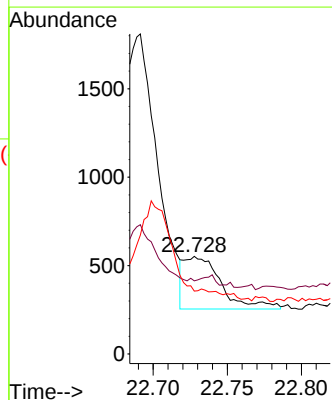
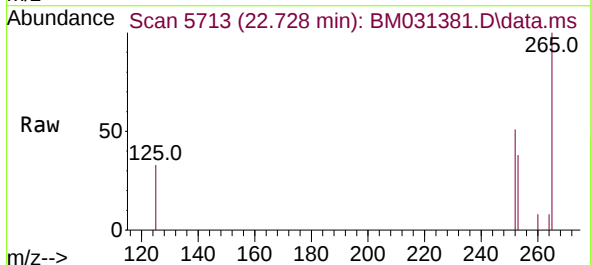
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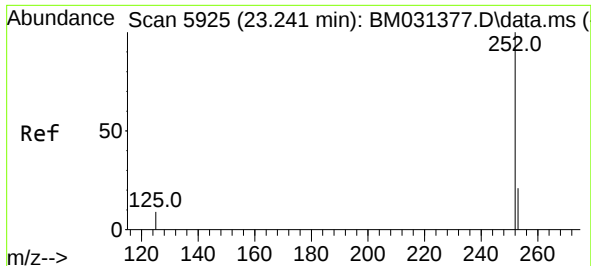
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#25
Benzo(k)fluoranthene
Concen: 0.02 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031381.D
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Tgt Ion:252 Resp: 516
Ion Ratio Lower Upper
252 100
253 75.0 21.3 31.9#
125 64.5 8.8 13.2#





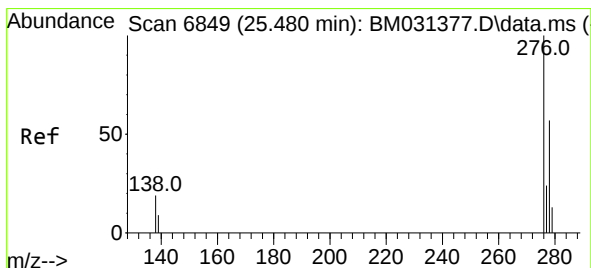
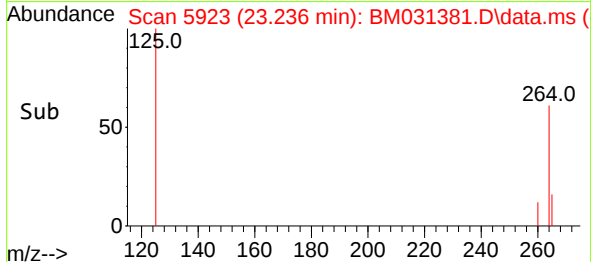
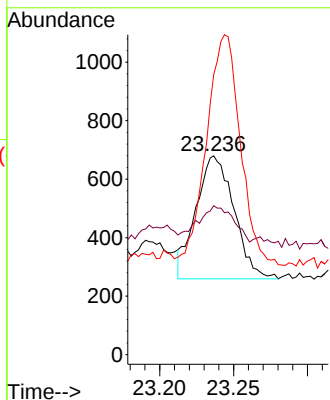
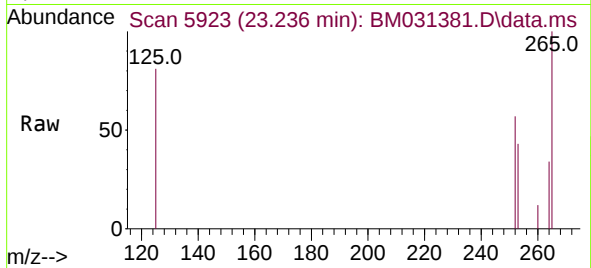
#26
Benzo(a)pyrene
Concen: 0.04 ng/ul
RT: 23.236 min Scan# 5923
Delta R.T. -0.007 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	74.9	22.4	33.6#
125	140.9	13.0	19.4#

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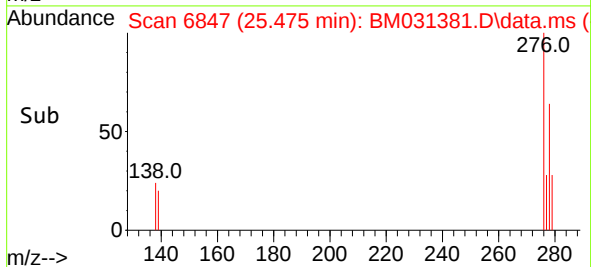
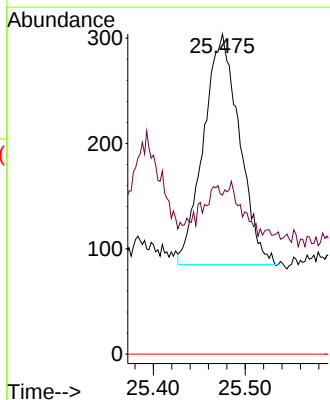
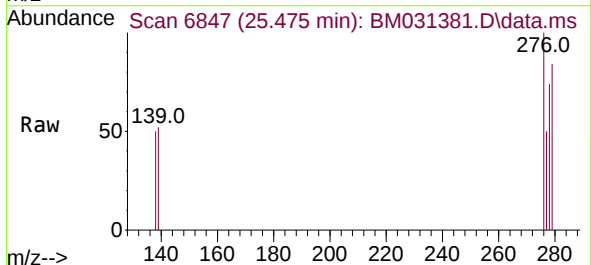
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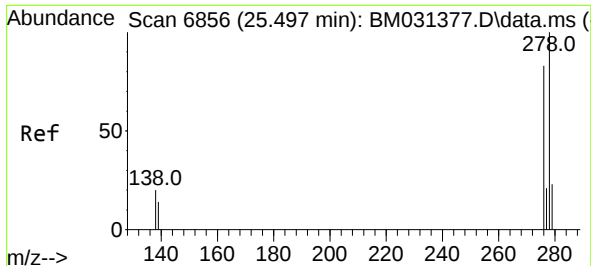
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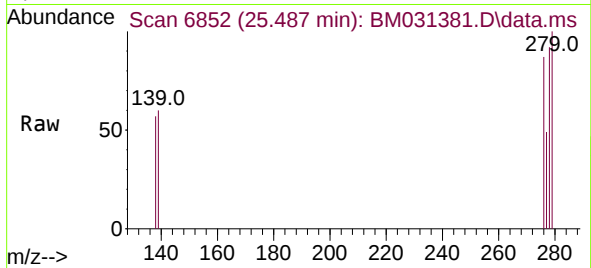
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.005 min
Lab File: BM031381.D
Acq: 02 Aug 2021 18:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	15.8	23.8#
227	0.0	0.0	0.0

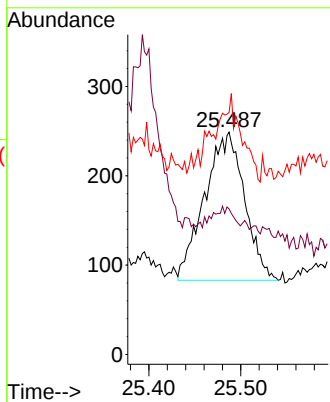
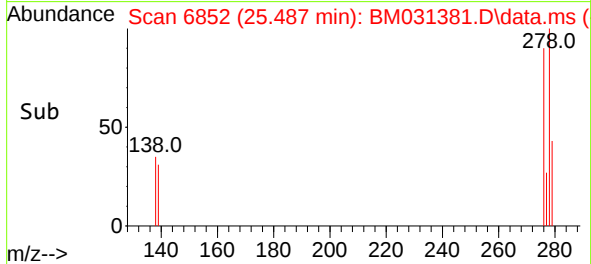




#28
 Dibenzo(a,h)anthracene
 Concen: 0.03 ng/ul
 RT: 25.487 min Scan# 6852
 Delta R.T. -0.005 min
 Lab File: BM031381.D
 Acq: 02 Aug 2021 18:33



Tgt Ion: 278 Resp: 500
 Ion Ratio Lower Upper
 278 100
 139 65.5 13.3 19.9#
 279 108.8 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleID :
 C0071DL

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:50:34 AM