

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
 Data File : BM031066.D
 Acq On : 22 Jul 2021 14:42
 Operator : CG/JU
 Sample : M2971-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA6

Manual Integrations
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mohammad
 7/23/2021 11:52:04 AM

Quant Time: Jul 22 15:19:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.400	136	4242	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	2973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	6479	0.400	ng/ul	0.00
17) Chrysene-d12	21.199	240	6646	0.400	ng/ul	0.00
23) Perylene-d12	23.376	264	6926	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2569	2.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	1072	0.144	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	3210	0.158	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.450	128	1101	0.087	ng/ul#	90
10) Acenaphthylene	13.985	152	859	0.071	ng/ul#	90
11) Acenaphthene	14.329	153	275	0.026	ng/ul	93
12) Fluorene	15.319	166	466	0.037	ng/ul#	96
15) Phenanthrene	17.051	178	5275	0.256	ng/ul	98
16) Anthracene	17.141	178	4682	0.243	ng/ul	99
19) Fluoranthene	19.069	202	26942	1.007	ng/ul	99
20) Pyrene	19.431	202	23003	0.842	ng/ul	98
21) Benzo(a)anthracene	21.182	228	18548	0.699	ng/ul	95
22) Chrysene	21.232	228	18615	0.648	ng/ul	97
24) Benzo(b)fluoranthene	22.729	252	23697m	0.728	ng/ul	
25) Benzo(k)fluoranthene	22.763	252	9330m	0.282	ng/ul	
26) Benzo(a)pyrene	23.279	252	13365	0.475	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.530	276	8544	0.232	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.534	278	2755	0.093	ng/ul#	73

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

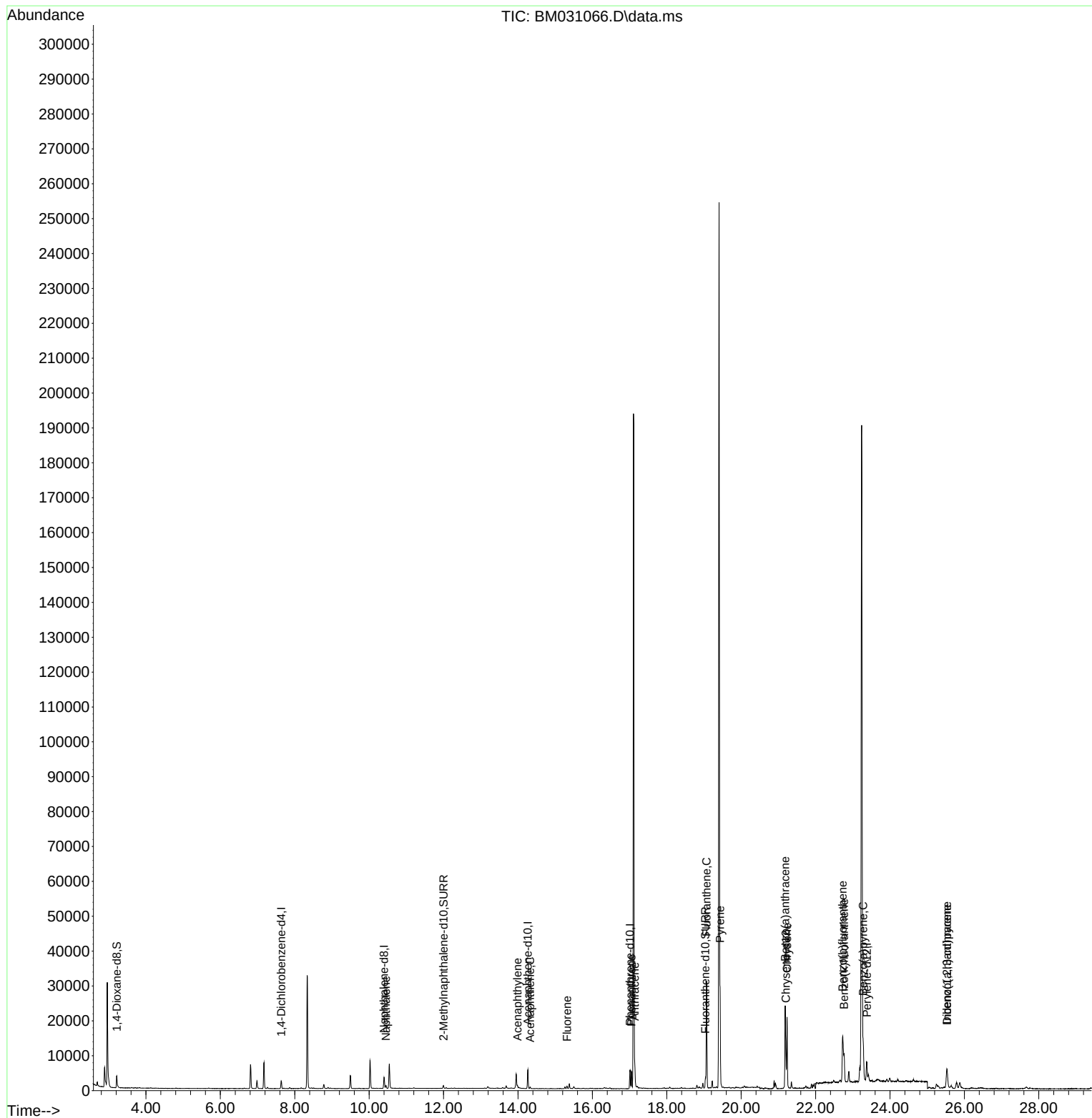
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
Data File : BM031066.D
Acq On : 22 Jul 2021 14:42
Operator : CG/JU
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ALS Vial : 11 Sample Multiplier: 1

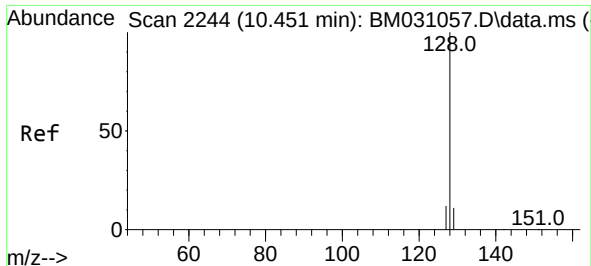
Instrument :
BNA_M
ClientSampleId :
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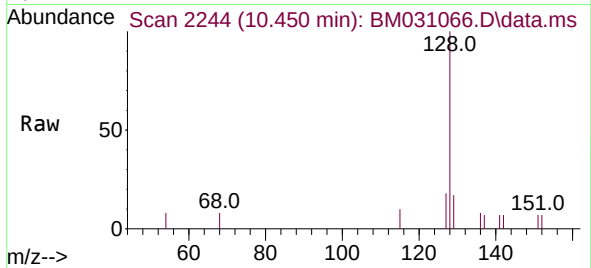
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Quant Time: Jul 22 15:19:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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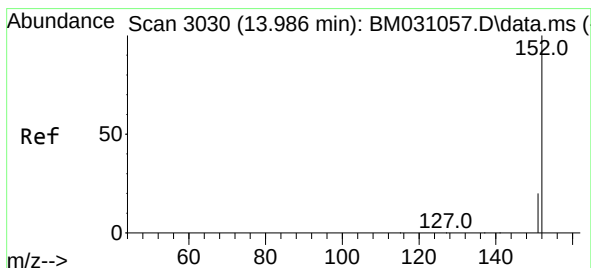
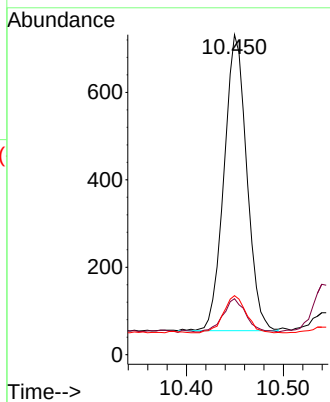
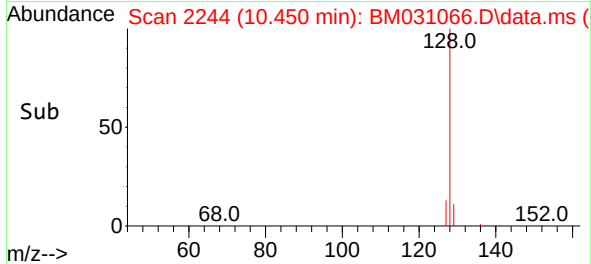




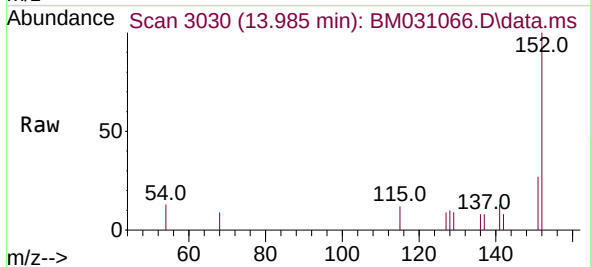
#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.450 min Scan# 2244
Delta R.T. -0.001 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42



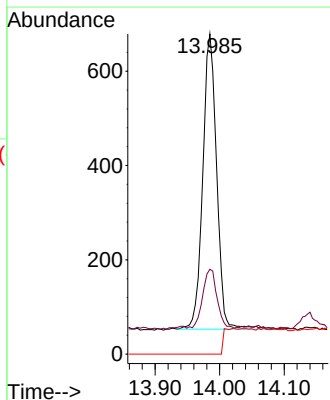
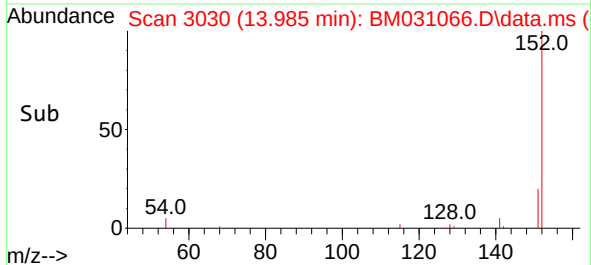
Tgt Ion:128 Resp: 1101
Ion Ratio Lower Upper
128 100
129 17.5 10.2 15.4#
127 18.4 11.8 17.8#



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.985 min Scan# 3030
Delta R.T. -0.001 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42



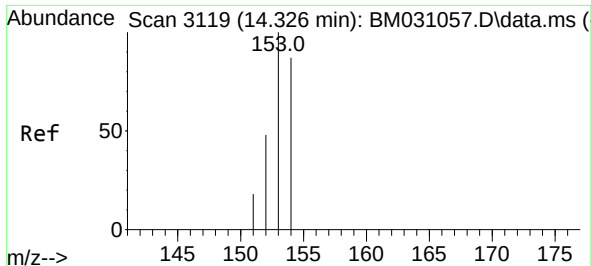
Tgt Ion:152 Resp: 859
Ion Ratio Lower Upper
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151 26.5 17.5 26.3#
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGEA6

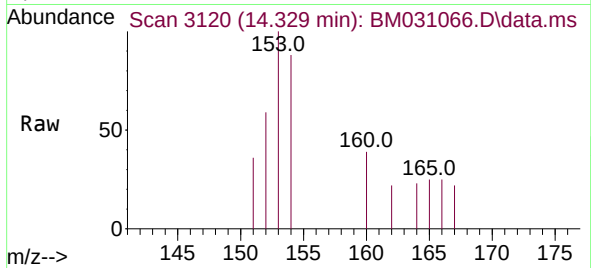
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#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.329 min Scan# 3120
Delta R.T. 0.004 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42

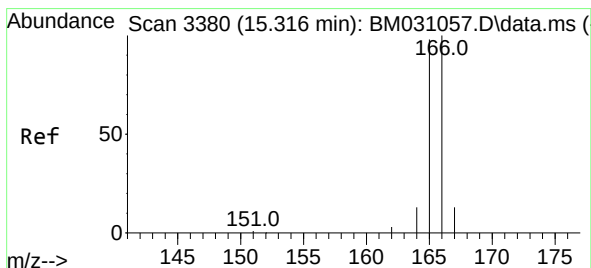
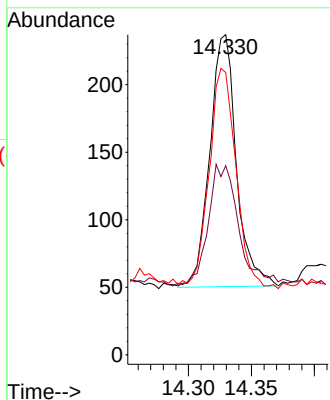
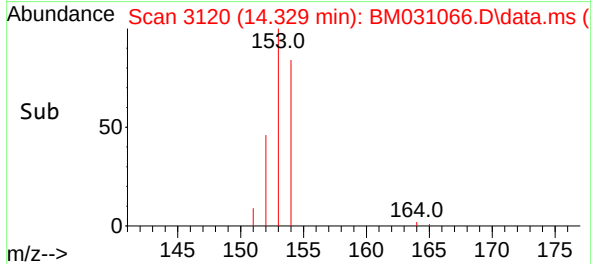
Instrument :
BNA_M
ClientSampled :
BGEA6



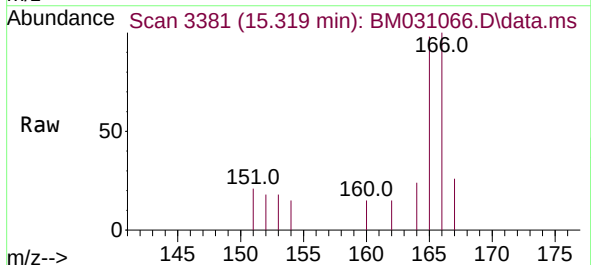
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Ion Ratio Lower Upper
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152 59.1 39.4 59.2
154 88.2 68.2 102.4

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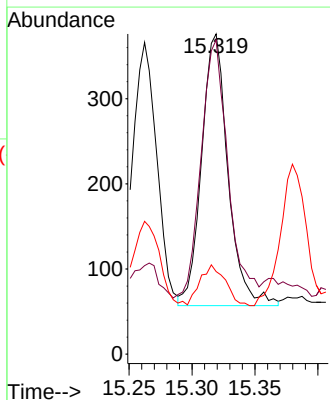
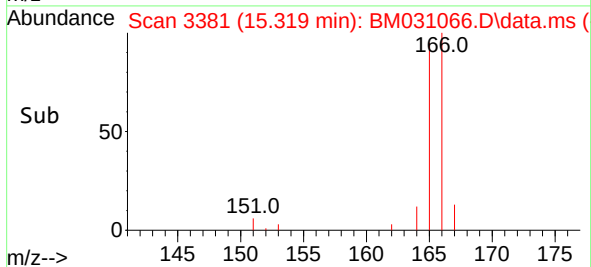
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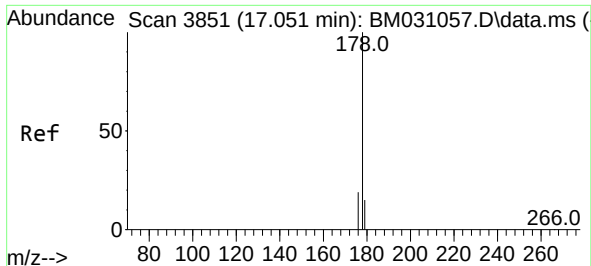


#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.004 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42



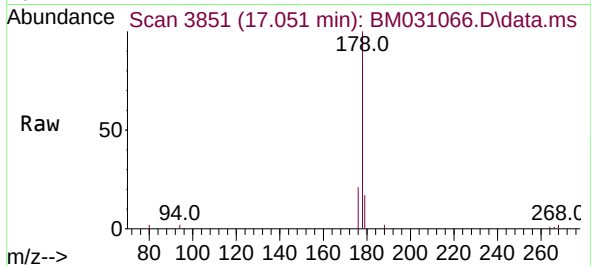
Tgt Ion:166 Resp: 466
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 25.8 12.3 18.5#





#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.000 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42

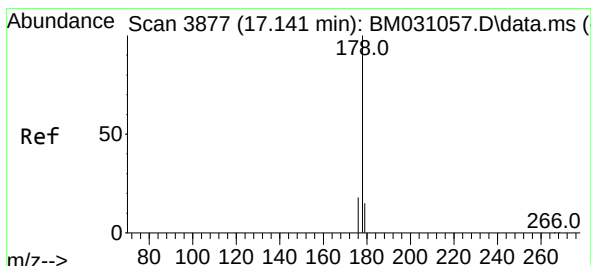
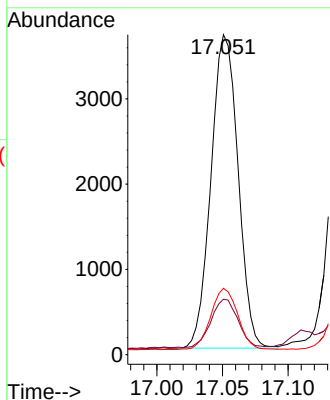
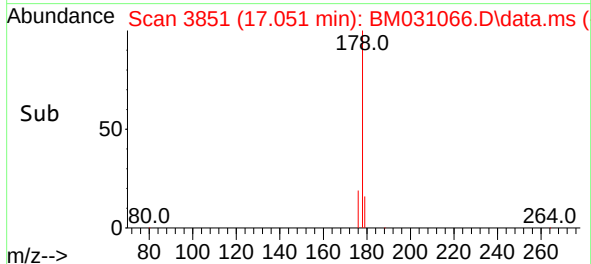
Instrument :
BNA_M
ClientSampled :
BGEA6



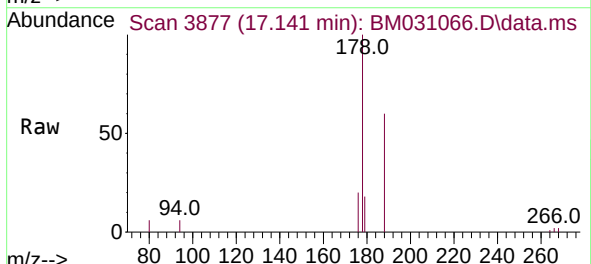
Tgt Ion:178 Resp: 5275
Ion Ratio Lower Upper
178 100
179 17.3 13.3 19.9
176 20.7 15.4 23.2

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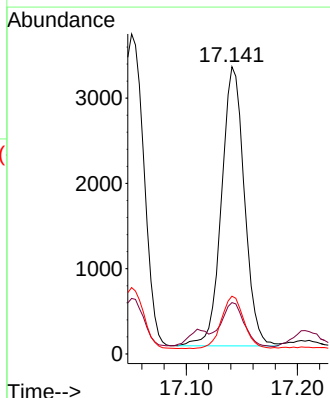
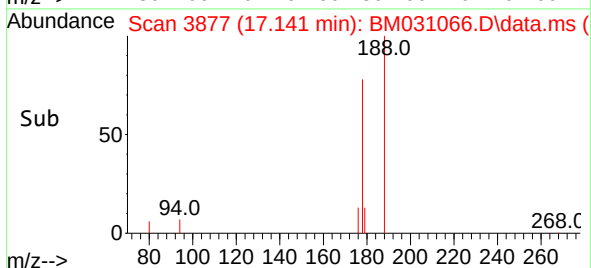
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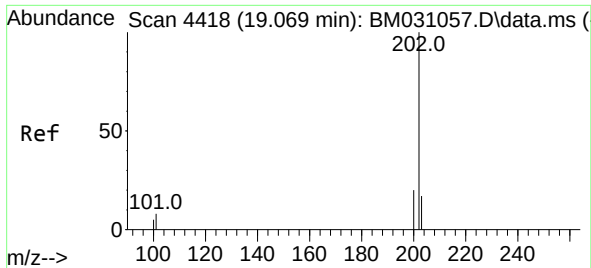


#16
Anthracene
Concen: 0.243 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.000 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42



Tgt Ion:178 Resp: 4682
Ion Ratio Lower Upper
178 100
179 17.9 13.8 20.8
176 20.1 15.7 23.5





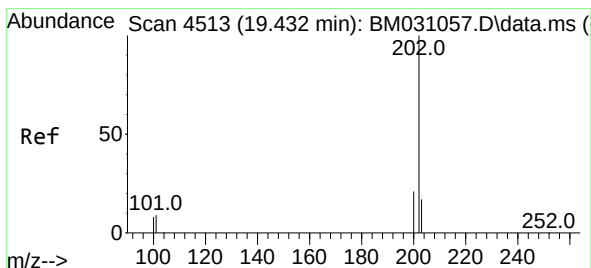
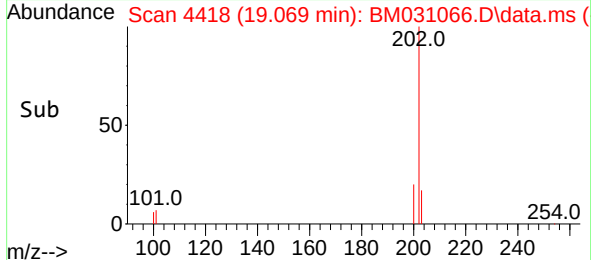
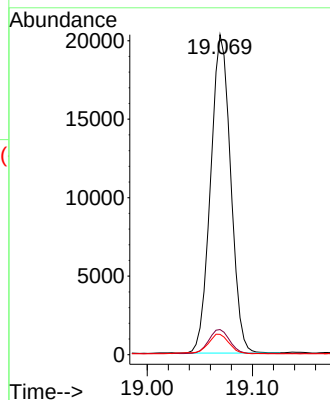
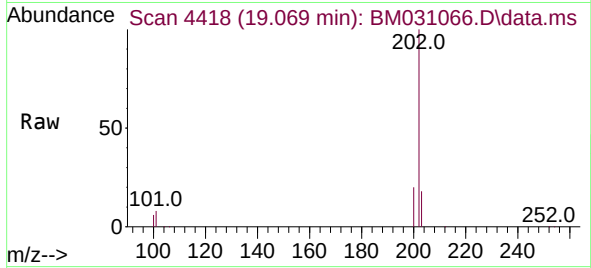
#19
Fluoranthene
Concen: 1.007 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. -0.000 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42

Tgt Ion:	202	Resp:	26942
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.0	9.0
100	6.3	4.8	7.2

Instrument :
BNA_M
ClientSampled :
BGEA6

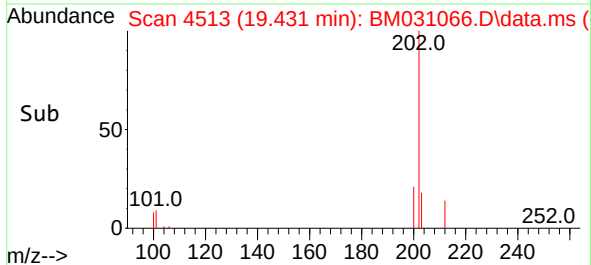
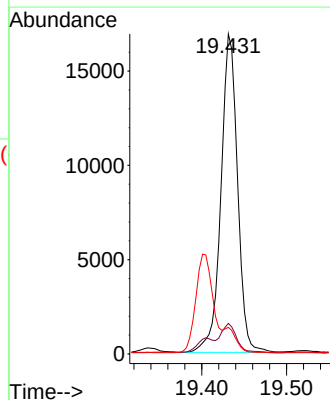
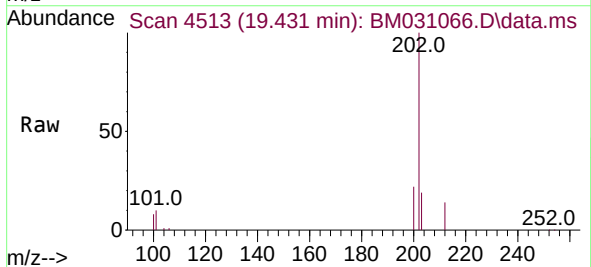
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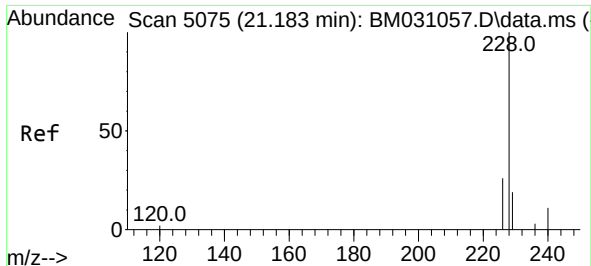
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#20
Pyrene
Concen: 0.842 ng/ul
RT: 19.431 min Scan# 4513
Delta R.T. -0.000 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42

Tgt Ion:	202	Resp:	23003
Ion Ratio	Lower	Upper	
202	100		
101	9.6	7.4	11.0
100	8.3	6.0	9.0





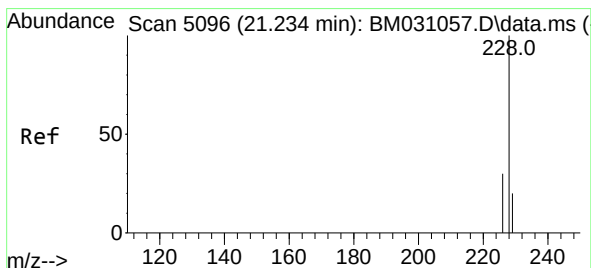
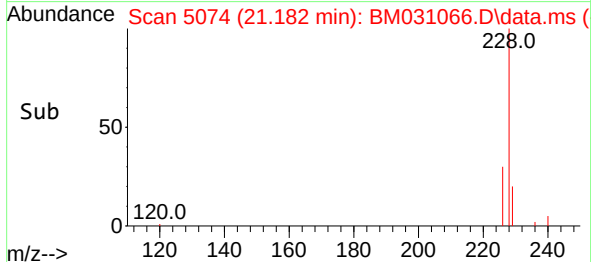
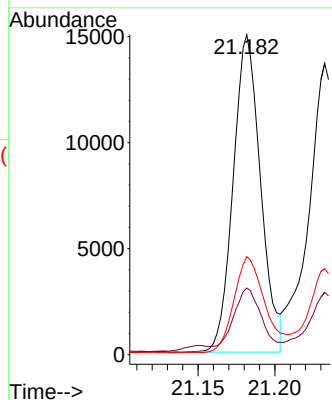
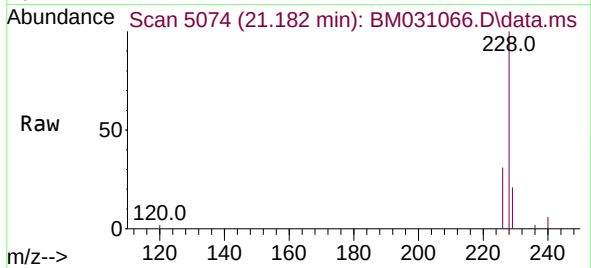
#21
Benzo(a)anthracene
Concen: 0.699 ng/ul
RT: 21.182 min Scan# 5074
Delta R.T. -0.001 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42

Tgt Ion:228 Resp: 18548
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 30.7 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEA6

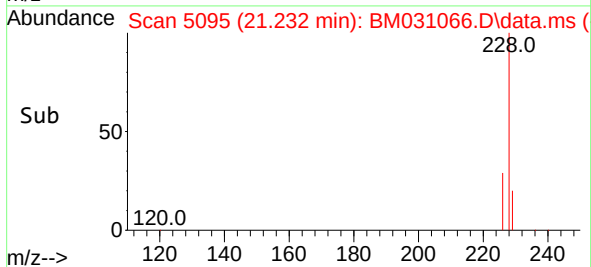
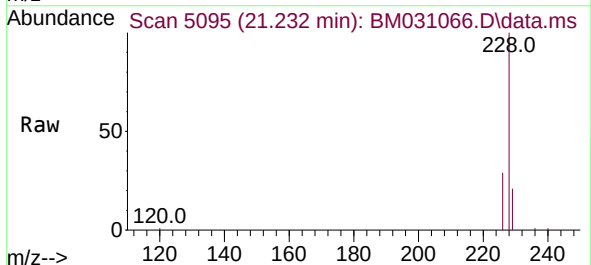
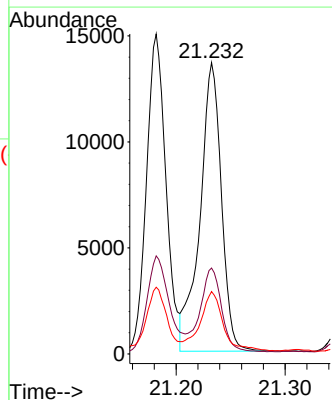
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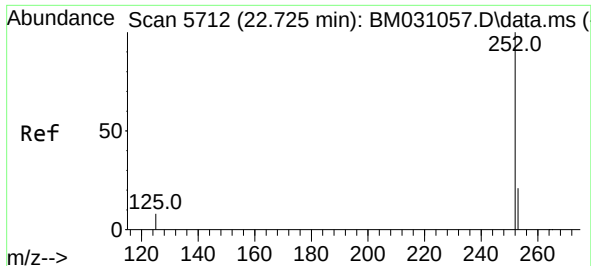
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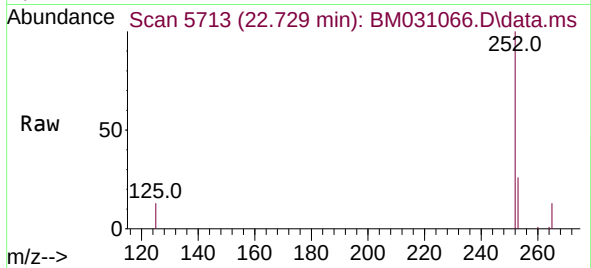
#22
Chrysene
Concen: 0.648 ng/ul
RT: 21.232 min Scan# 5095
Delta R.T. -0.001 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42

Tgt Ion:228 Resp: 18615
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 21.4 15.8 23.8

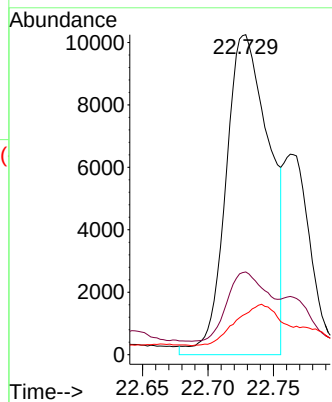
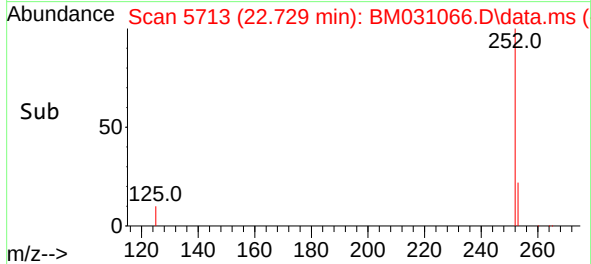




#24
Benzo(b)fluoranthene
Concen: 0.728 ng/ul m
RT: 22.729 min Scan# 5713
Delta R.T. 0.004 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42



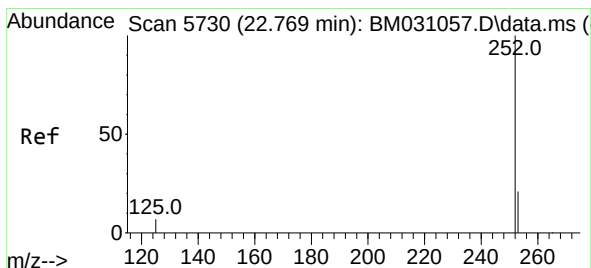
Tgt Ion:252 Resp: 23697
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 12.8 0.0 20.2



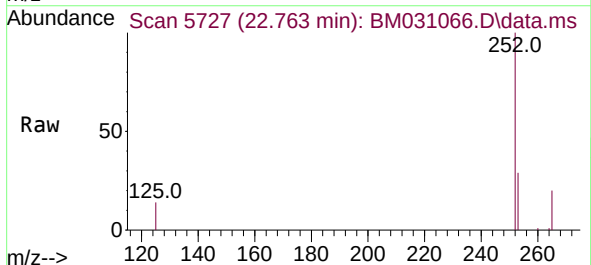
Instrument :
BNA_M
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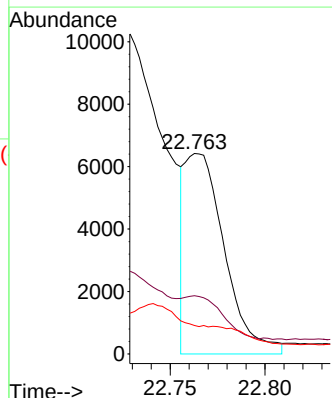
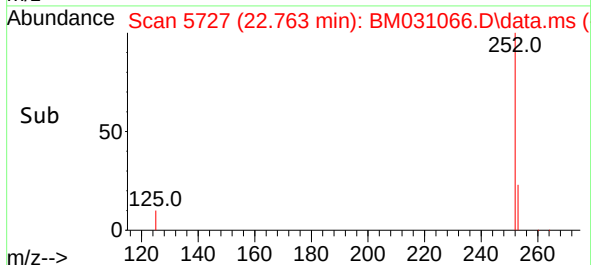
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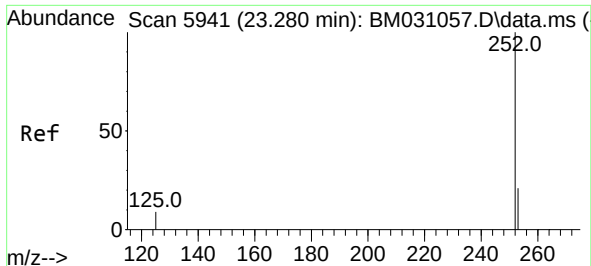


#25
Benzo(k)fluoranthene
Concen: 0.282 ng/ul m
RT: 22.763 min Scan# 5727
Delta R.T. -0.006 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42

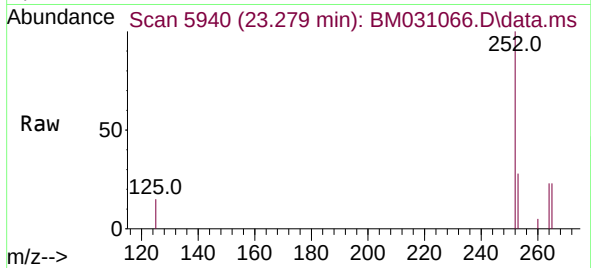


Tgt Ion:252 Resp: 9330
Ion Ratio Lower Upper
252 100
253 29.0 21.6 32.4
125 14.2 8.6 13.0#

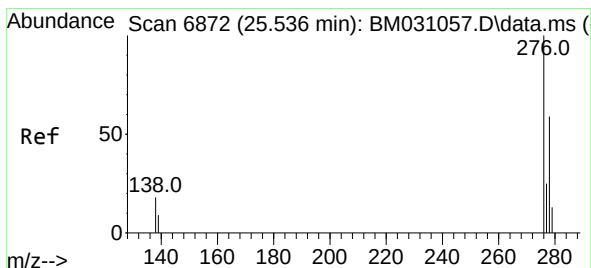
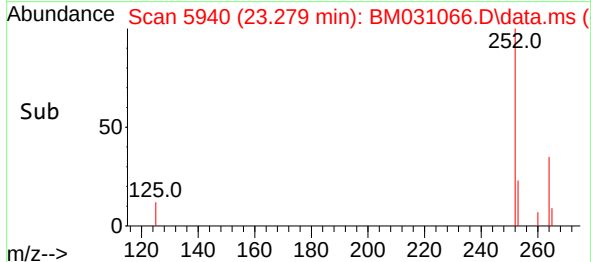
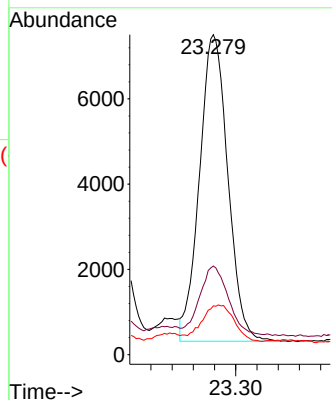




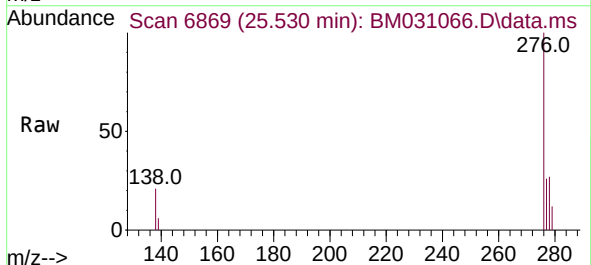
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Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.279 min Scan# 5940
Delta R.T. -0.001 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42



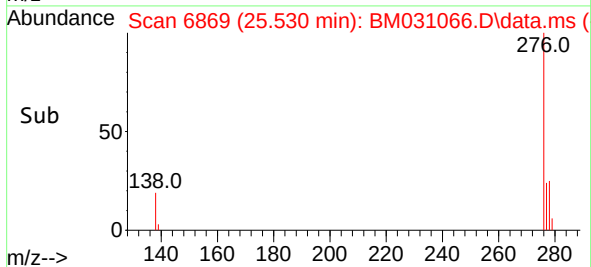
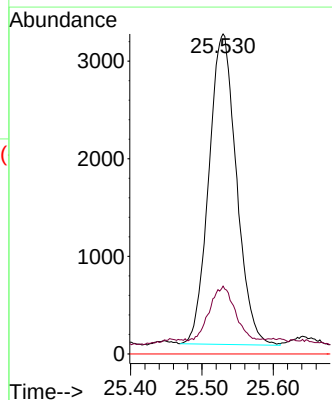
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Ion Ratio Lower Upper
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253 27.7 23.1 34.7
125 15.3 10.7 16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng/ul
RT: 25.530 min Scan# 6869
Delta R.T. -0.006 min
Lab File: BM031066.D
Acq: 22 Jul 2021 14:42



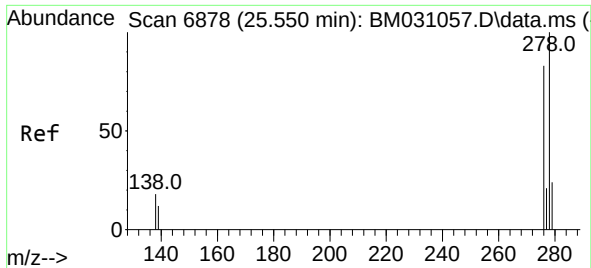
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Ion Ratio Lower Upper
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138 20.7 15.4 23.0
227 0.0 0.0 0.0



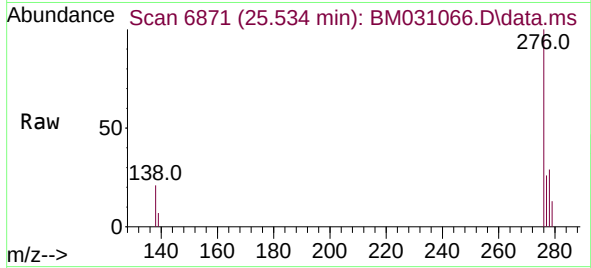
Instrument :
BNA_M
ClientSampled :
BGEA6

Manual Integrations
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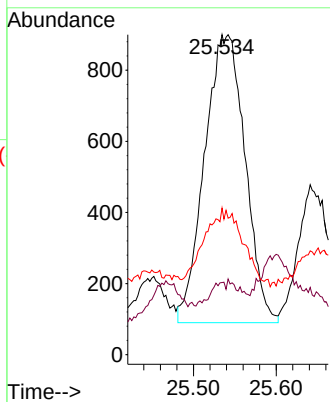
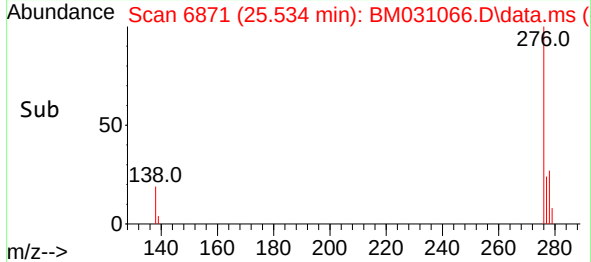
mohammad
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#28
 Dibenzo(a,h)anthracene
 Concen: 0.093 ng/ul
 RT: 25.534 min Scan# 6871
 Delta R.T. -0.016 min
 Lab File: BM031066.D
 Acq: 22 Jul 2021 14:42



Tgt Ion: 278 Resp: 2755
 Ion Ratio Lower Upper
 278 100
 139 22.6 12.6 18.8#
 279 45.8 22.6 34.0#



Instrument :
 BNA_M
 ClientSampleId :
 BGEA6

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