

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040684.D
 Acq On : 06 Jul 2023 19:38
 Operator : MA/JU
 Sample : 03248-10DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 20:32:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	4978	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	19848	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	9928	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	19811	0.400	ng/ul	-0.01
17) Chrysene-d12	21.486	240	13939	0.400	ng/ul	0.00
23) Perylene-d12	23.886	264	14997	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	5463	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.302	152	1427	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	2587	0.058	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.762	128	3052	0.056	ng/ul#	86
7) 2-Methylnaphthalene	12.379	142	1312	0.041	ng/ul	100
8) 1-Methylnaphthalene	12.594	142	795	0.025	ng/ul	94
10) Acenaphthylene	14.268	152	8537	0.192	ng/ul	95
15) Phenanthrene	17.341	178	21800	0.354	ng/ul	96
16) Anthracene	17.434	178	6903	0.133	ng/ul#	90
19) Fluoranthene	19.361	202	93062	1.572	ng/ul	95
20) Pyrene	19.719	202	74948	1.181	ng/ul	98
21) Benzo(a)anthracene	21.471	228	36564	0.776	ng/ul	96
22) Chrysene	21.521	228	31722	0.590	ng/ul	97
24) Benzo(b)fluoranthene	23.158	252	58776	1.013	ng/ul	97
25) Benzo(k)fluoranthene	23.196	252	22554m	0.394	ng/ul	
26) Benzo(a)pyrene	23.781	252	32676	0.625	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.377	276	30773	0.423	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.387	278	7133	0.125	ng/ul#	69
29) Benzo(g,h,i)perylene	27.149	276	25187	0.395	ng/ul	97

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

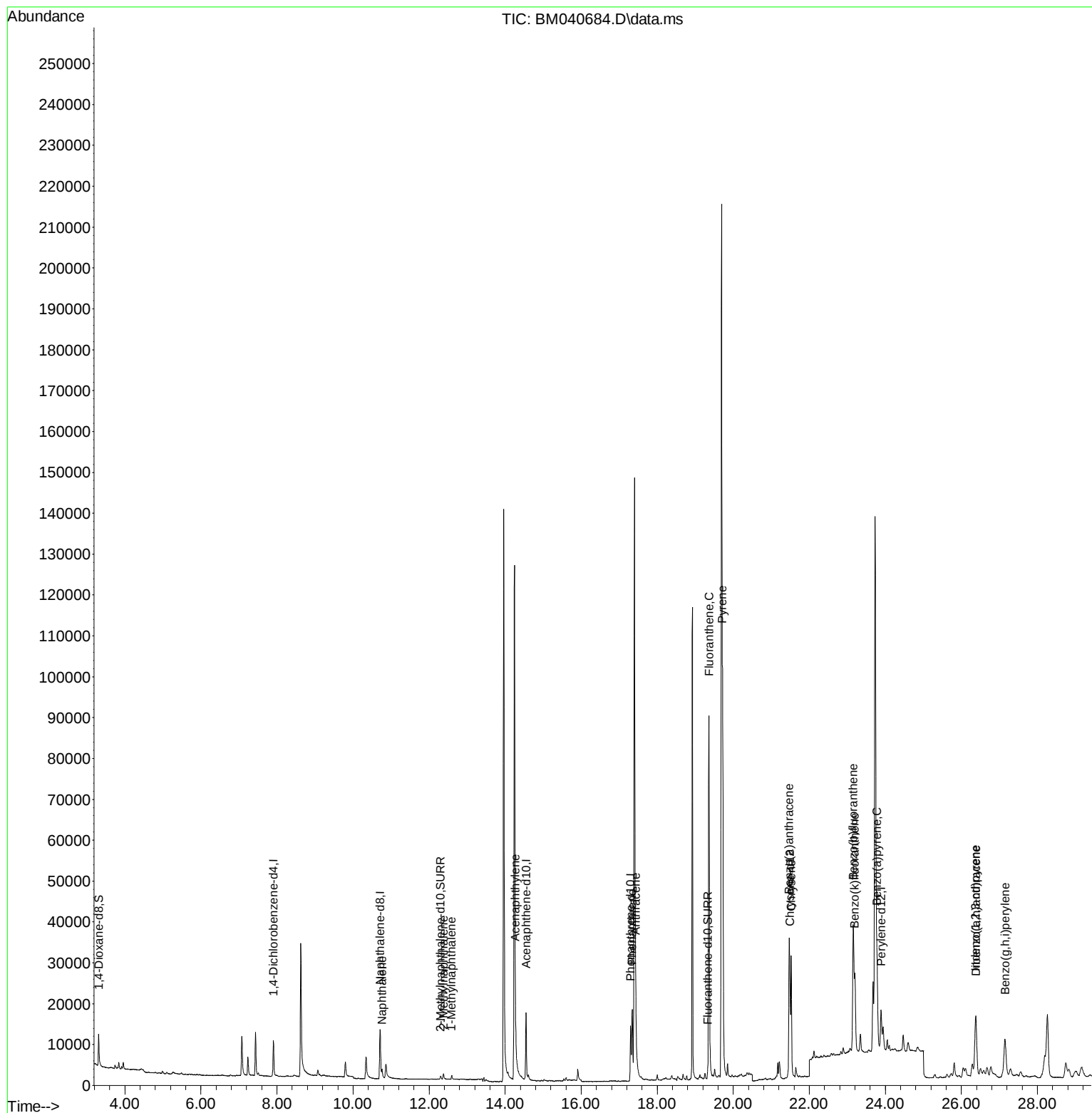
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
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Operator : MA/JU
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ALS Vial : 53 Sample Multiplier: 1

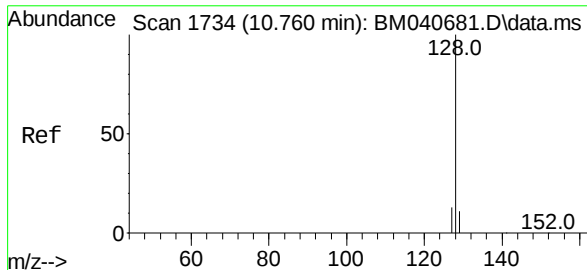
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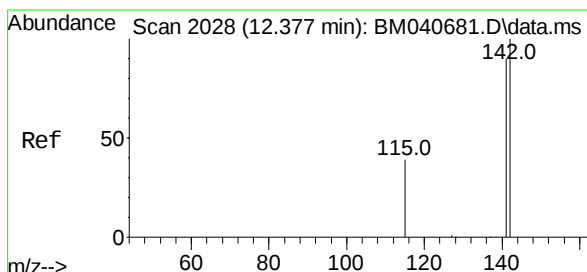
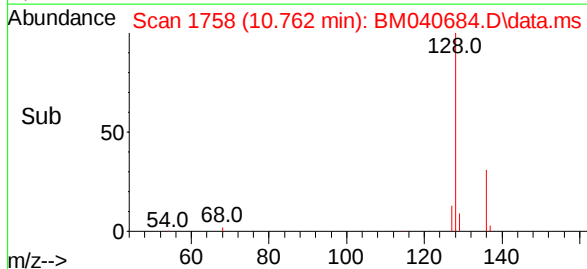
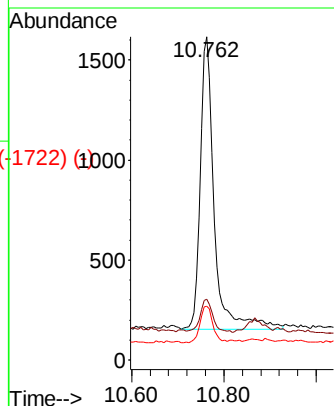
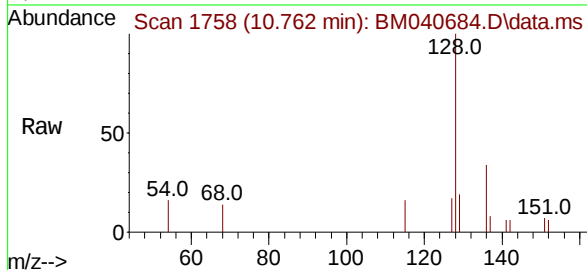
Naphthalene
Concen: 0.056 ng/ul
RT: 10.762 min Scan# 1753
Delta R.T. -0.003 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Instrument :
BNA_M
ClientSampleId :
DCGN8DL

Tgt Ion:128 Resp: 305
Ion Ratio Lower Upper
128 100
129 18.8 9.2 13.8
127 16.7 10.6 15.8

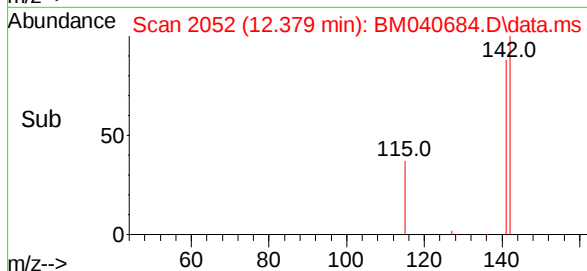
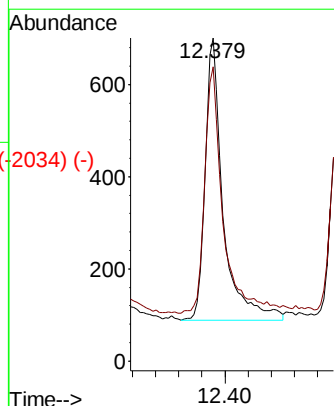
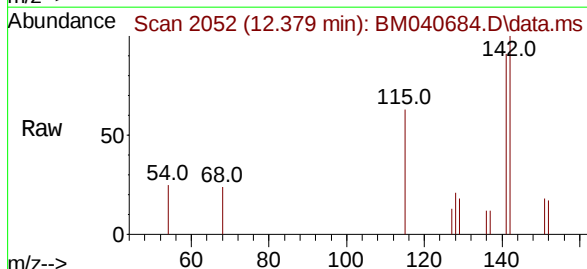
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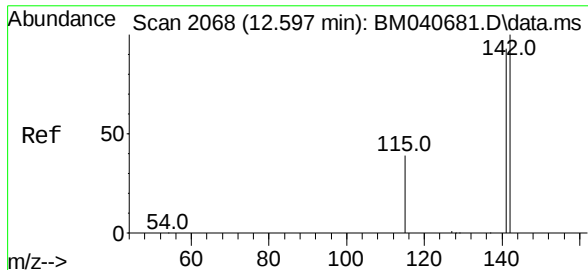
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.379 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Tgt Ion:142 Resp: 1312
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





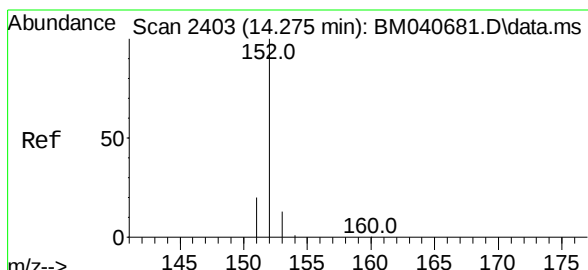
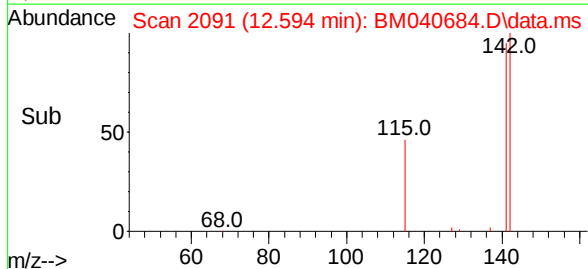
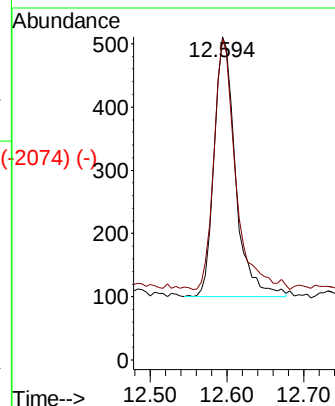
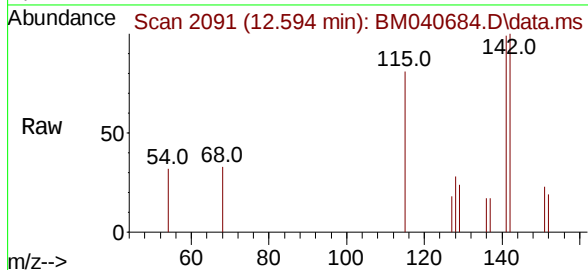
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.594 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

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Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
141 98.0 73.7 110.5

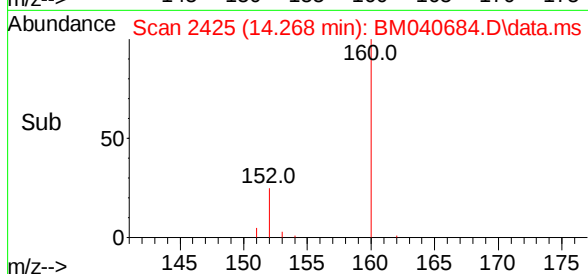
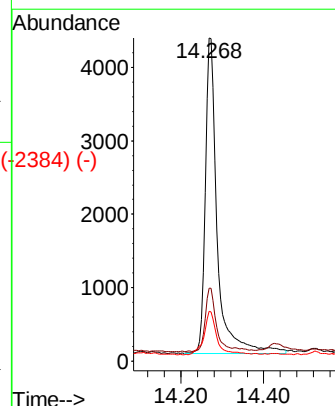
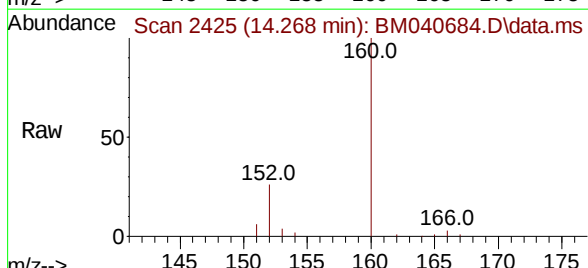
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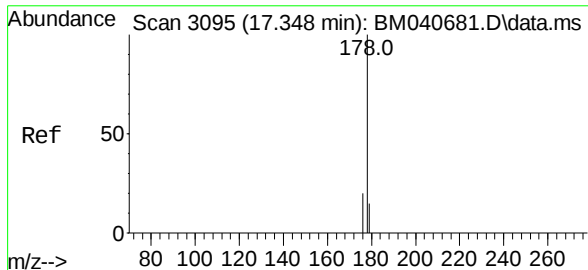
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



Acenaphthylene
Concen: 0.192 ng/ul
RT: 14.268 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Tgt Ion:152 Resp: 8537
Ion Ratio Lower Upper
152 100
151 22.5 16.2 24.2
153 15.4 10.9 16.3





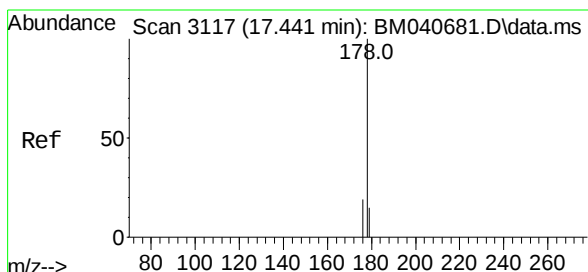
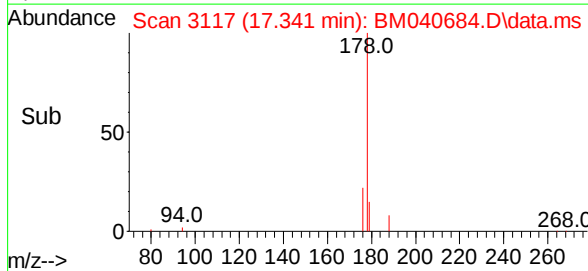
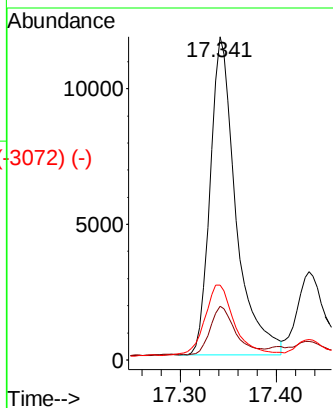
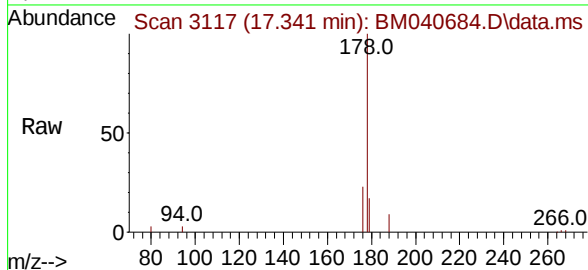
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.341 min Scan# 3115
Delta R.T. -0.011 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Instrument :
BNA_M
ClientSampleId :
DCGN8DL

Tgt Ion:178 Resp: 2180
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 23.2 16.4 24.6

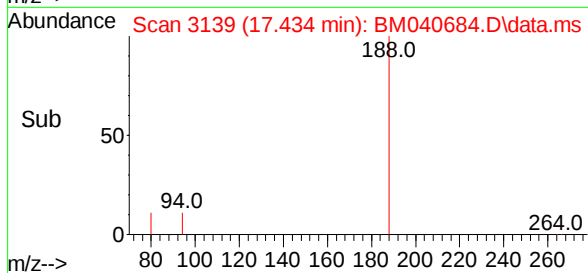
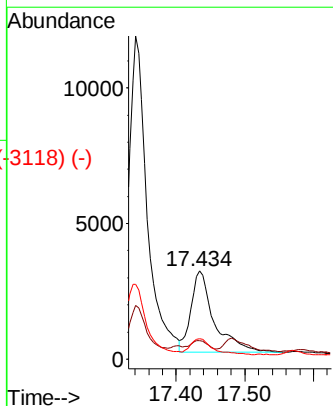
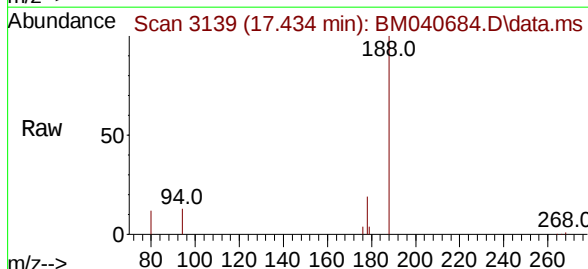
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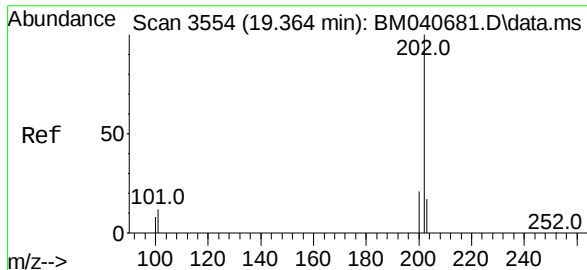
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



Anthracene
Concen: 0.133 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Tgt Ion:178 Resp: 6903
Ion Ratio Lower Upper
178 100
179 21.3 12.9 19.3#
176 23.2 15.8 23.6





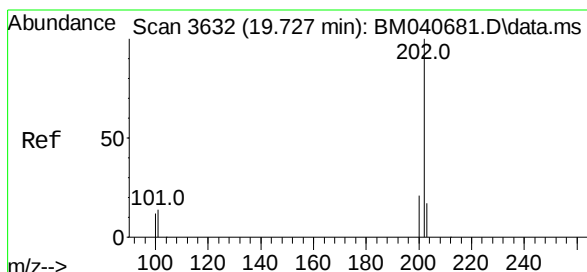
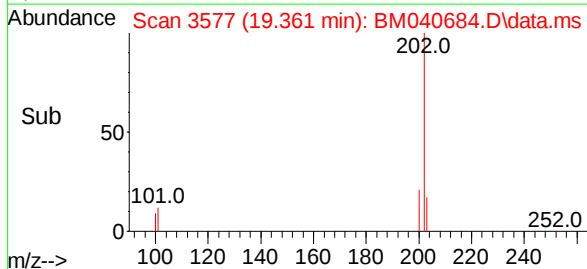
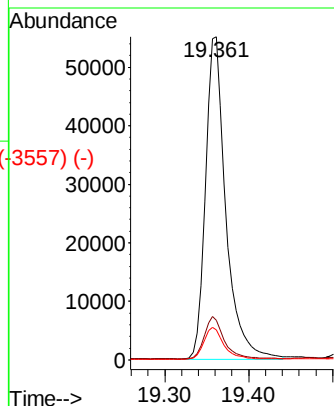
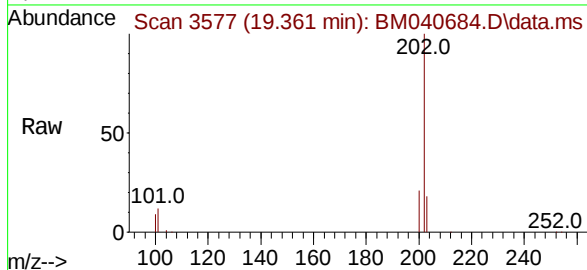
Fluoranthene
Concen: 1.572 ng/ul
RT: 19.361 min Scan# 3554
Delta R.T. -0.007 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Instrument :
BNA_M
Client SampleId :
DCGN8DL

Tgt Ion:202 Resp: 9306
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 9.2 8.7 13.1

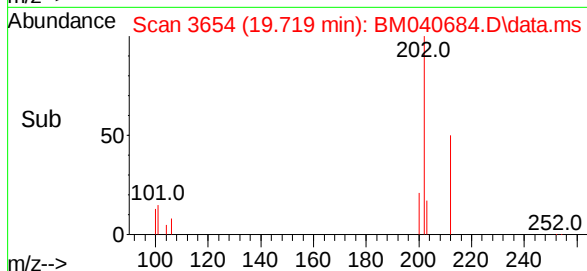
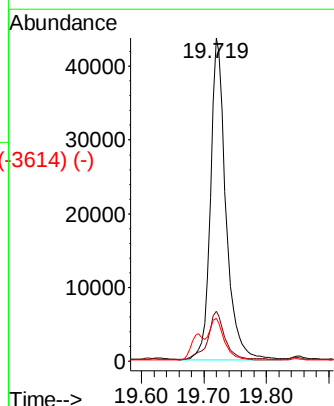
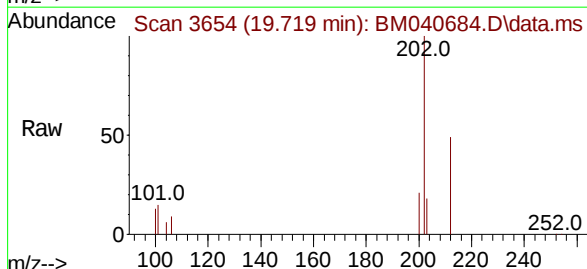
Manual Integrations
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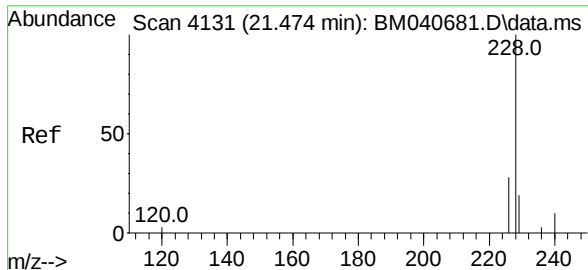
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



Pyrene
Concen: 1.181 ng/ul
RT: 19.719 min Scan# 3654
Delta R.T. -0.012 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Tgt Ion:202 Resp: 74948
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 13.3 9.8 14.6





Scan 4131 (21.474 min): BM040681.D\data.ms (-4129) (-)
 Benzo(a)anthracene
 Concen: 0.776 ng/ul
 RT: 21.471 min Scan# 4129
 Delta R.T. -0.007 min
 Lab File: BM040684.D
 Acq: 06 Jul 2023 19:38

Instrument :

BNA_M

ClientSampleId :

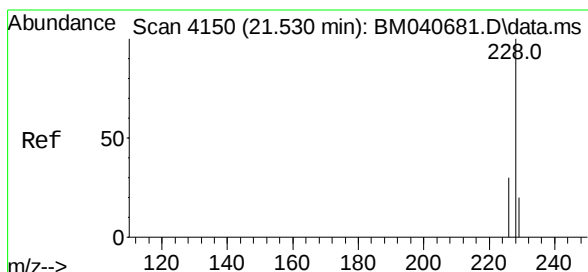
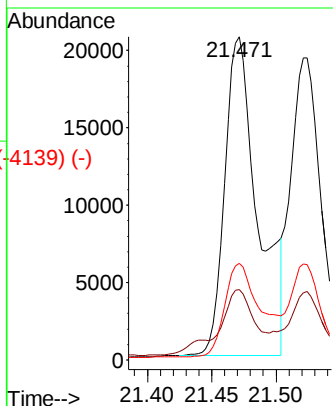
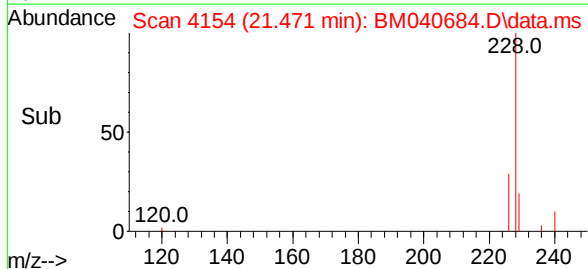
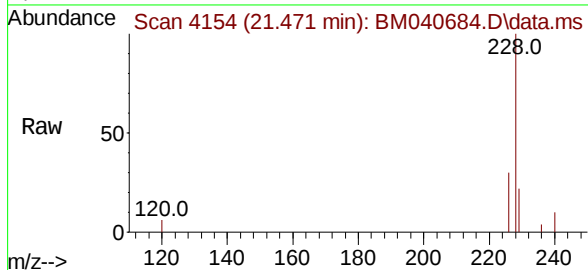
DCGN8DL

Tgt Ion:228 Resp: 3656
 Ion Ratio Lower Upper
 228 100
 229 21.8 16.0 24.0
 226 29.9 22.3 33.5

Manual Integrations

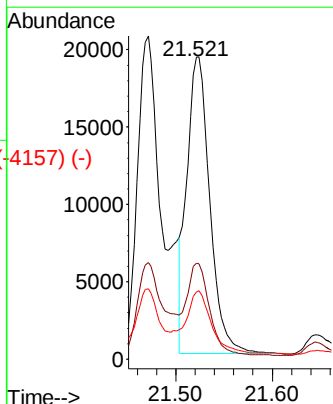
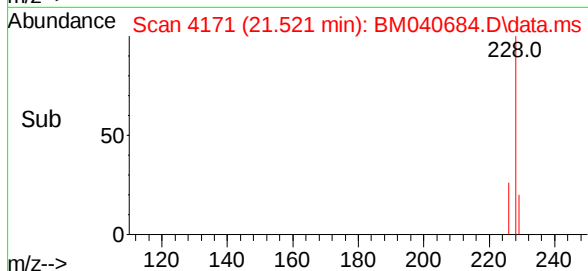
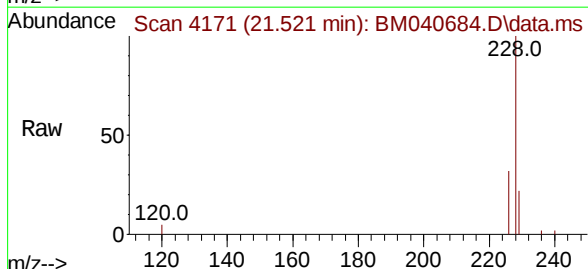
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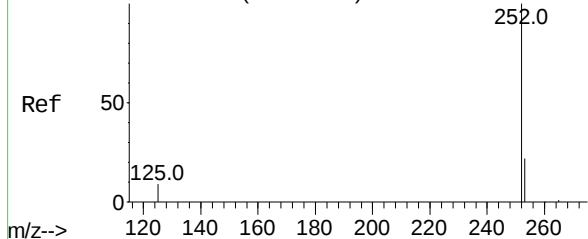


Scan 4150 (21.530 min): BM040681.D\data.ms (-4122) (-)
 Chrysene
 Concen: 0.590 ng/ul
 RT: 21.521 min Scan# 4171
 Delta R.T. -0.010 min
 Lab File: BM040684.D
 Acq: 06 Jul 2023 19:38

Tgt Ion:228 Resp: 31722
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 22.3 15.8 23.6



Abundance Scan 4709 (23.163 min): BM040681.D\data.ms (-4729) (-)



Benzo(b)fluoranthene
Concen: 1.013 ng/ul
RT: 23.158 min Scan# 4731
Delta R.T. -0.010 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Instrument :

BNM

Client SampleId :

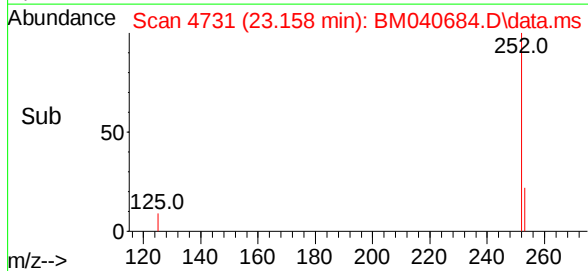
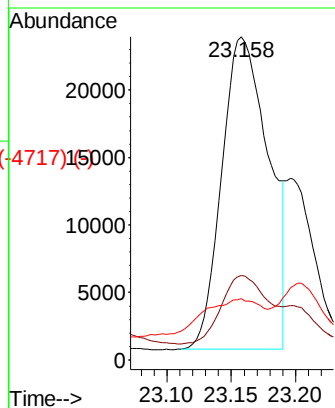
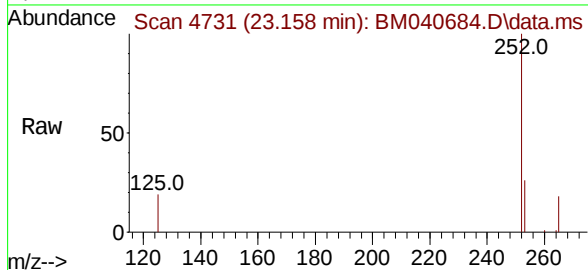
DCGN8DL

Tgt Ion:252 Resp: 5877
Ion Ratio Lower Upper
252 100
253 26.2 0.0 52.8
125 18.9 0.0 43.0

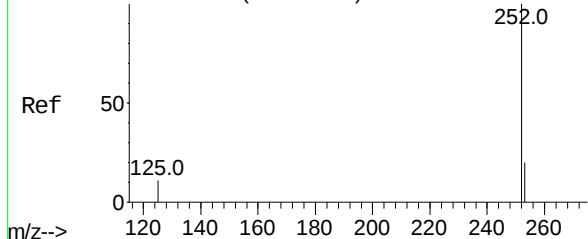
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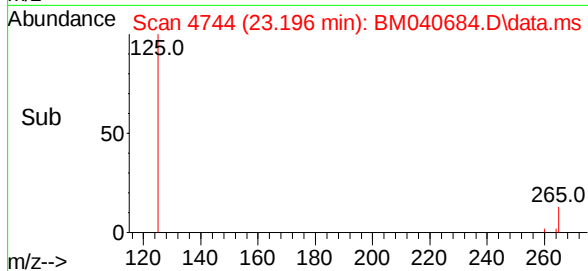
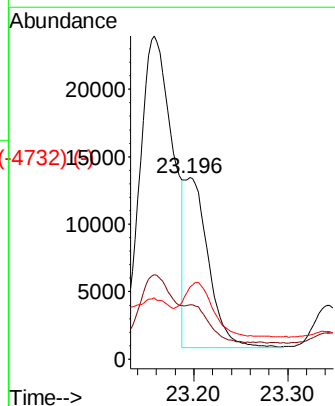
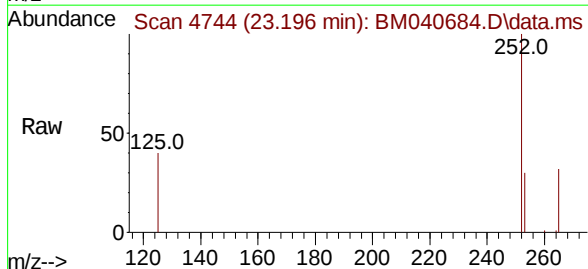


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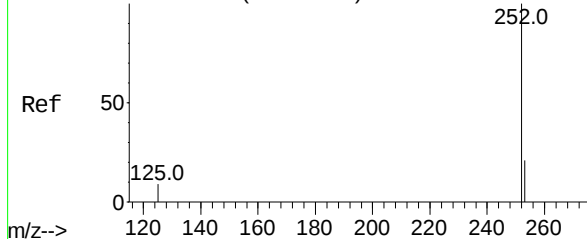


Benzo(k)fluoranthene
Concen: 0.394 ng/ul m
RT: 23.196 min Scan# 4744
Delta R.T. -0.016 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Tgt Ion:252 Resp: 22554
Ion Ratio Lower Upper
252 100
253 29.8 21.2 31.8
125 39.7 16.4 24.6#



Abundance Scan 4922 (23.786 min): BM040681.D\data.ms (-4922) (-)



Benzo(a)pyrene
Concen: 0.625 ng/u1
RT: 23.781 min Scan# 4922
Delta R.T. -0.013 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Instrument :

BNM

ClientSampleId :

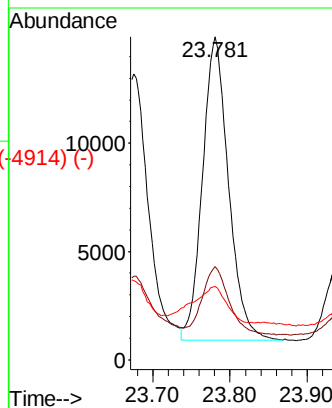
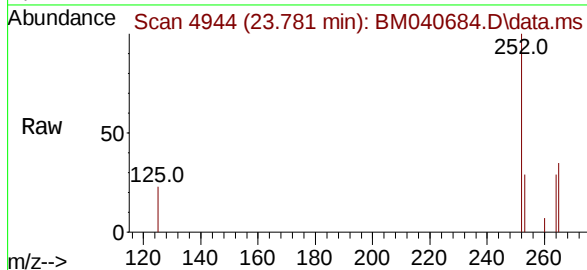
DCGN8DL

Tgt Ion:252 Resp: 3267
Ion Ratio Lower Upper
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125 22.9 21.0 31.4

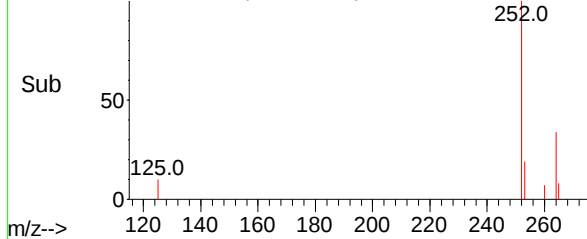
Manual Integrations

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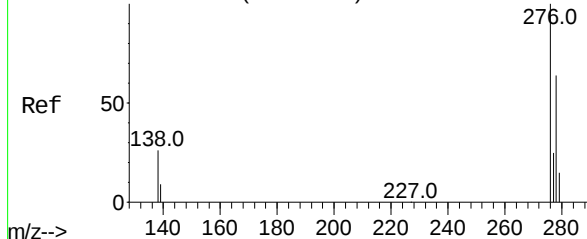
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



Abundance Scan 4944 (23.781 min): BM040684.D\data.ms (-4914) (-)

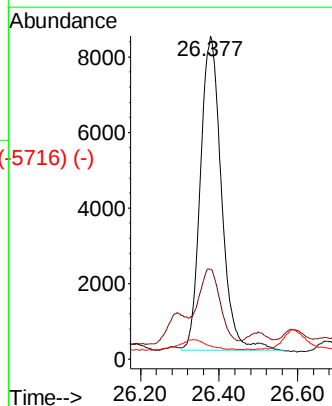
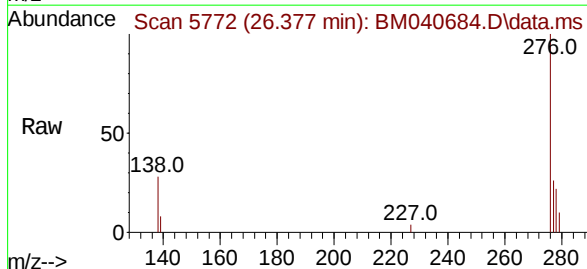


Abundance Scan 5751 (26.387 min): BM040681.D\data.ms (-5727) (-)

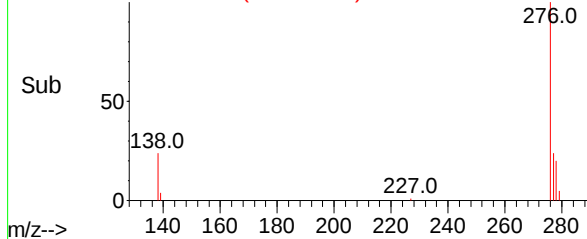


Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng/u1
RT: 26.377 min Scan# 5772
Delta R.T. -0.012 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Tgt Ion:276 Resp: 30773
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7#
227 0.0 0.1 0.1#

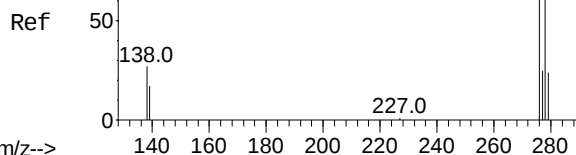


Abundance Scan 5772 (26.377 min): BM040684.D\data.ms (-5716) (-)



Abundance Scan 5756 (26.404 min): BM040681.D\data.ms (-5722) (-)

Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 26.387 min Scan# 6002
Delta R.T. -0.022 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

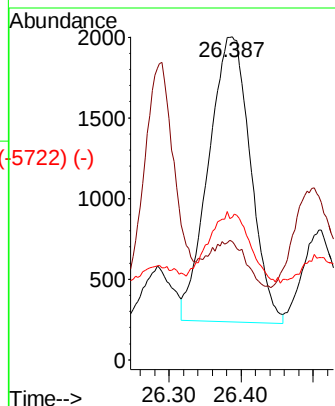
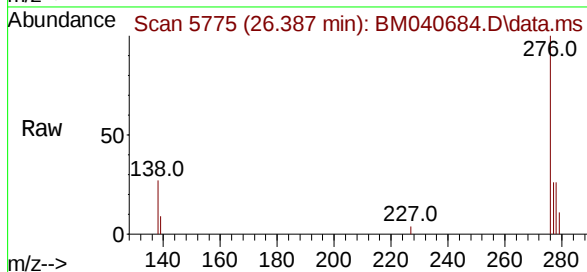


Instrument :
BNA_M
ClientSampleId :
DCGN8DL

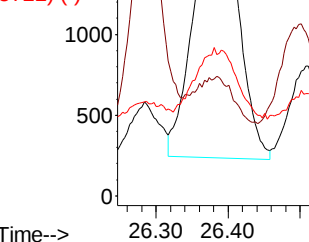
Tgt Ion:	278	Resp:	713
Ion Ratio	Lower	Upper	
278	100		
139	36.7	17.9	26.9
279	44.1	22.0	33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



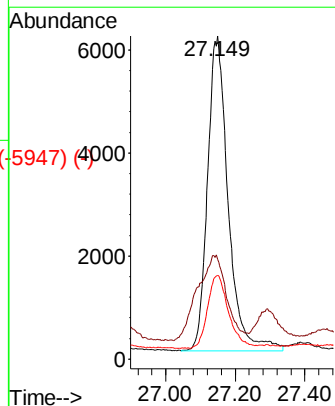
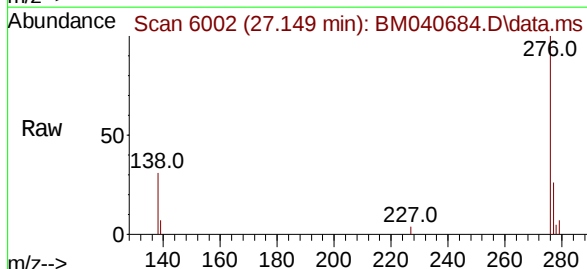
Abundance Scan 5775 (26.387 min): BM040684.D\data.ms (-5722) (-)



Abundance Scan 5980 (27.155 min): BM040681.D\data.ms (-5929) (-)

Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 27.149 min Scan# 6002
Delta R.T. -0.015 min
Lab File: BM040684.D
Acq: 06 Jul 2023 19:38

Tgt Ion:	276	Resp:	25187
Ion Ratio	Lower	Upper	
276	100		
138	31.0	23.0	34.6
277	25.9	20.3	30.5



Abundance Scan 6002 (27.149 min): BM040684.D\data.ms (-5947) (-)

