

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040680.D
 Acq On : 06 Jul 2023 17:04
 Operator : MA/JU
 Sample : 03248-10DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN8DL

Quant Time: Jul 06 17:37:24 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	16302	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	62667	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.549	164	33290	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	63187	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	44571	0.400	ng/ul	# 0.00
23) Perylene-d12	23.894	264	44739	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	13232	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	3854	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	7376	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	7532	0.044	ng/ul#	94
7) 2-Methylnaphthalene	12.378	142	3479	0.034	ng/ul	99
8) 1-Methylnaphthalene	12.593	142	2144	0.021	ng/ul	98
10) Acenaphthylene	14.272	152	22008	0.148	ng/ul	99
15) Phenanthrene	17.341	178	58330	0.297	ng/ul#	95
16) Anthracene	17.434	178	17897	0.109	ng/ul#	94
19) Fluoranthene	19.361	202	261151	1.379	ng/ul	95
20) Pyrene	19.724	202	202539	0.998	ng/ul	98
21) Benzo(a)anthracene	21.474	228	99208	0.658	ng/ul	97
22) Chrysene	21.526	228	86225	0.501	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	152377	0.880	ng/ul	94
25) Benzo(k)fluoranthene	23.201	252	40311m	0.236	ng/ul	
26) Benzo(a)pyrene	23.786	252	81780	0.524	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.384	276	75340	0.347	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.394	278	17296	0.102	ng/ul#	79
29) Benzo(g,h,i)perylene	27.158	276	59508	0.313	ng/ul	99

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

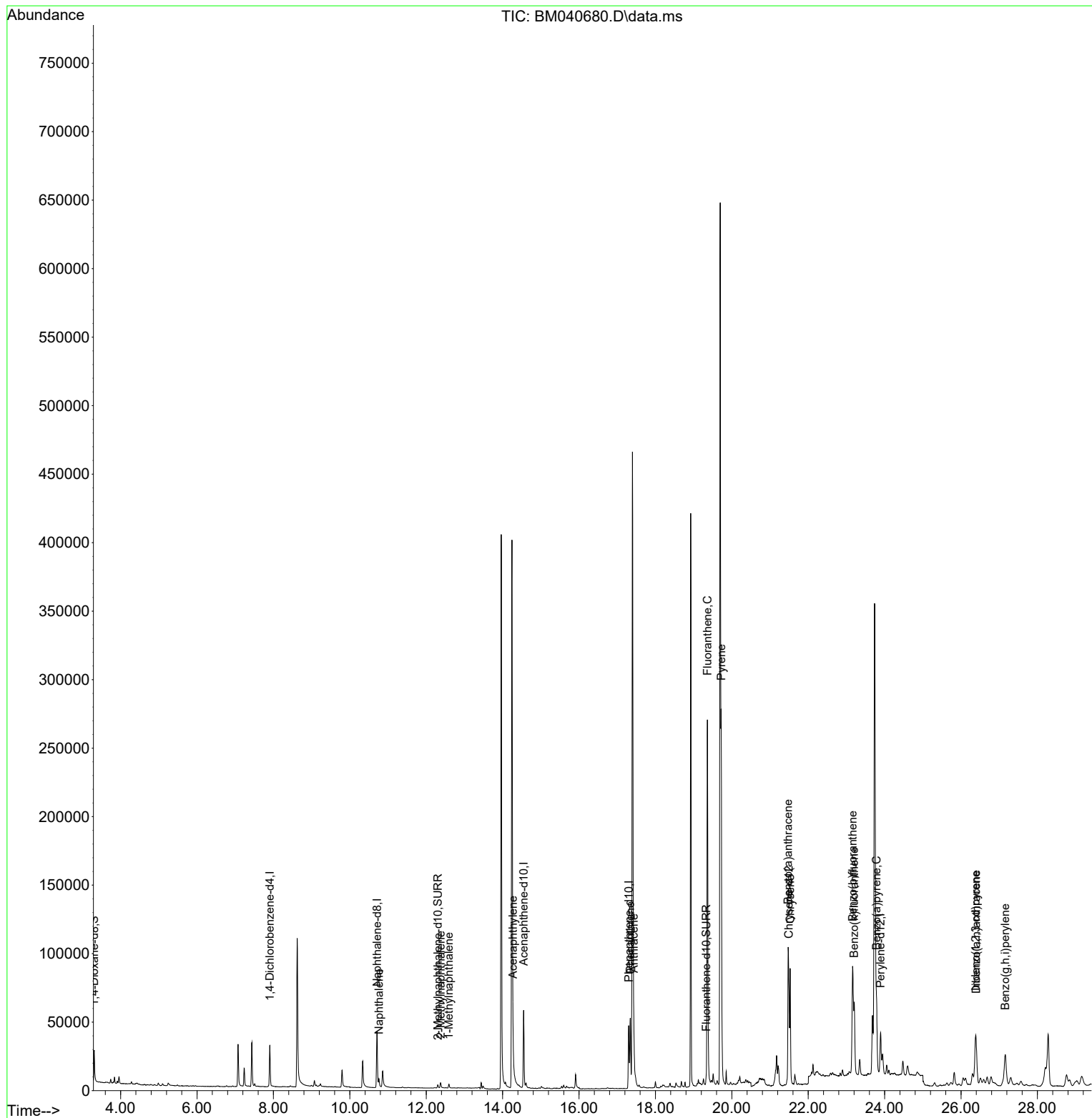
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040680.D
Acq On : 06 Jul 2023 17:04
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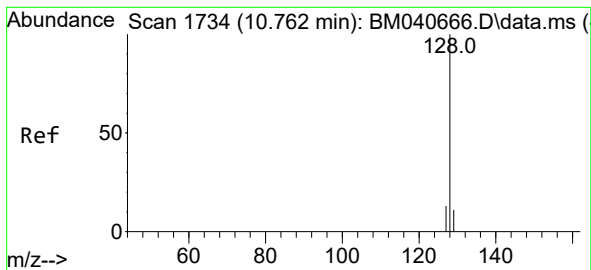
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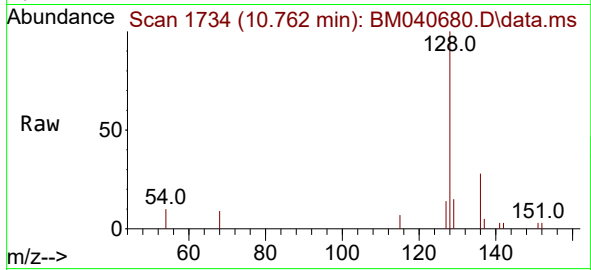
Quant Time: Jul 06 17:37:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
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#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

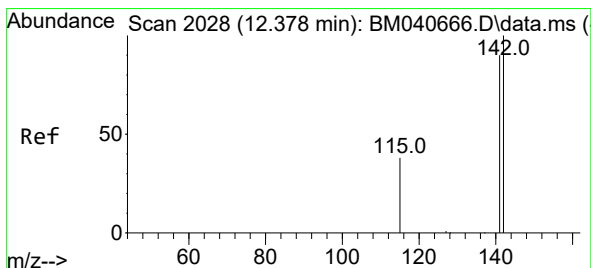
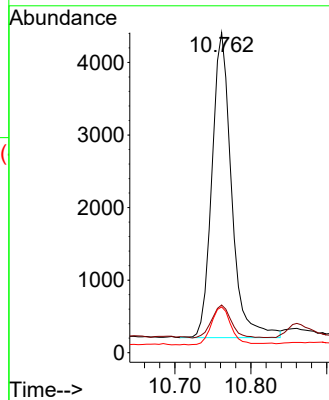
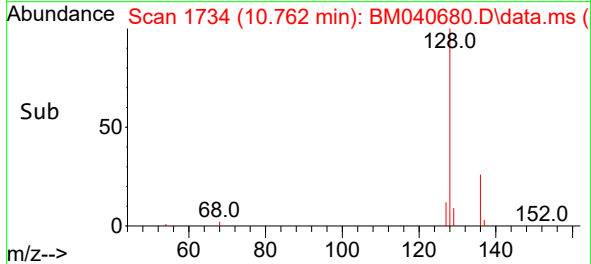
Instrument :
BNA_M
ClientSampleId :
DCGN8DL



Tgt Ion:128 Resp: 7532
Ion Ratio Lower Upper
128 100
129 14.9 9.2 13.8
127 14.3 10.6 15.8

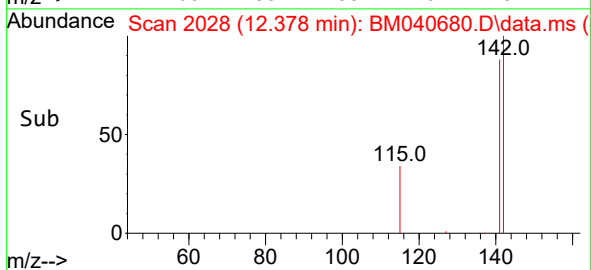
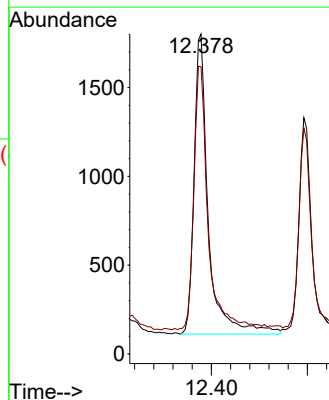
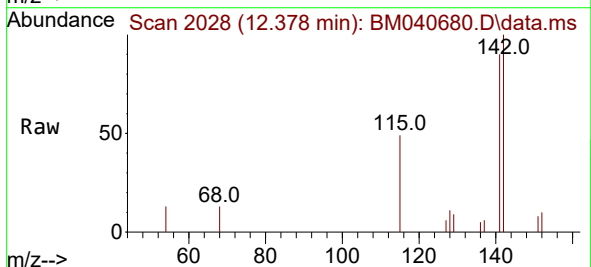
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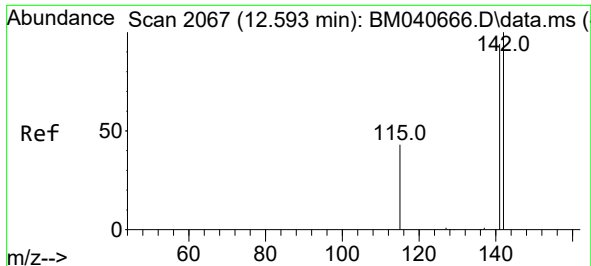
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

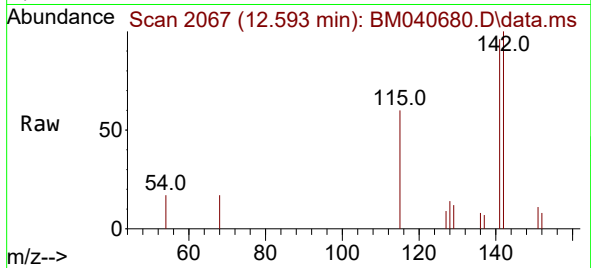
Tgt Ion:142 Resp: 3479
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.593 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

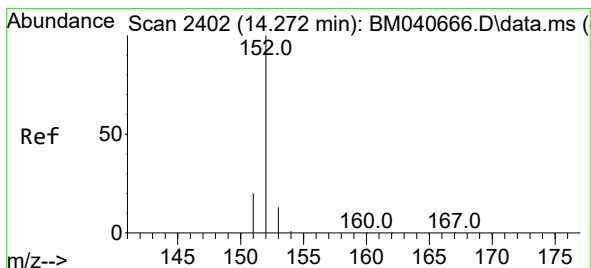
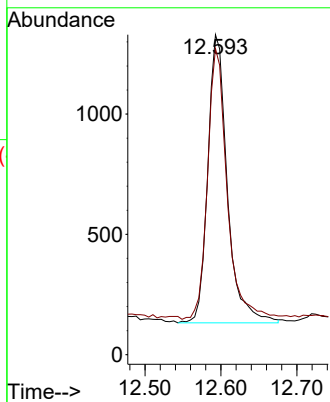
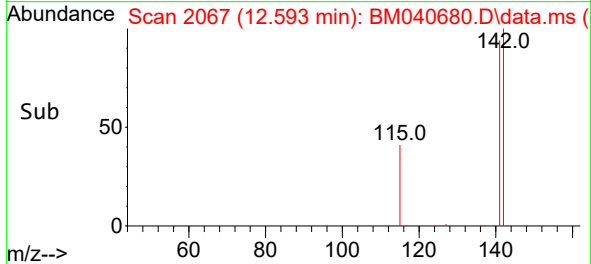
Instrument :
BNA_M
ClientSampleId :
DCGN8DL



Tgt Ion:142 Resp: 2144
Ion Ratio Lower Upper
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141 94.2 73.7 110.5

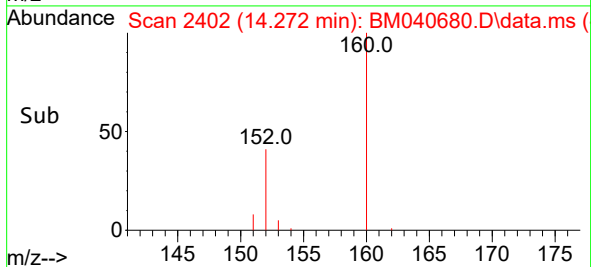
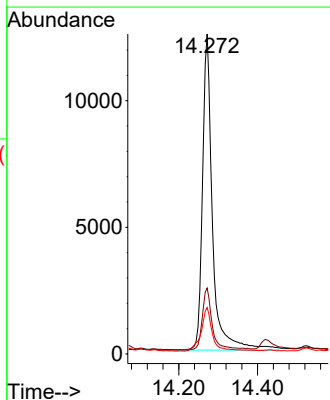
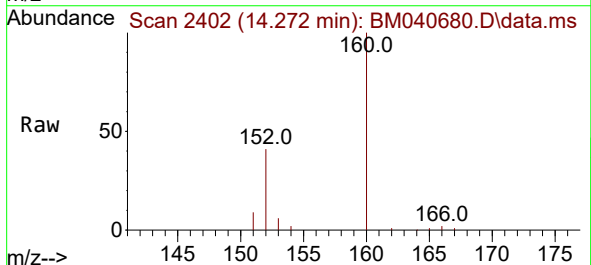
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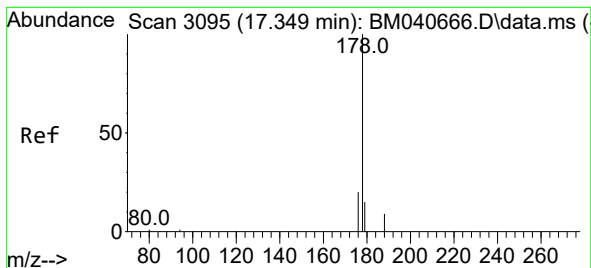
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.148 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

Tgt Ion:152 Resp: 22008
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.5 10.9 16.3





#15

Phenanthrene

Concen: 0.297 ng/ul

RT: 17.341 min Scan# 3095

Delta R.T. -0.011 min

Lab File: BM040680.D

Acq: 06 Jul 2023 17:04

Instrument :

BNA_M

ClientSampleId :

DCGN8DL

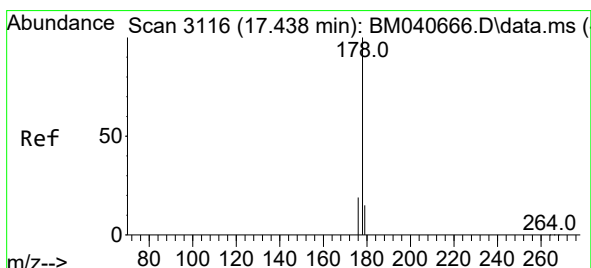
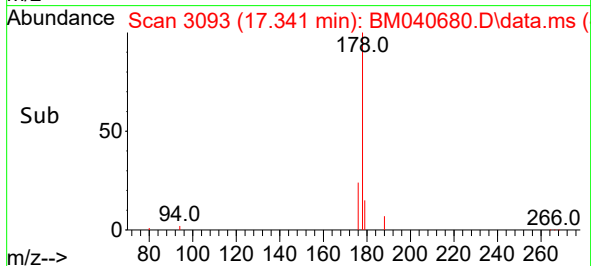
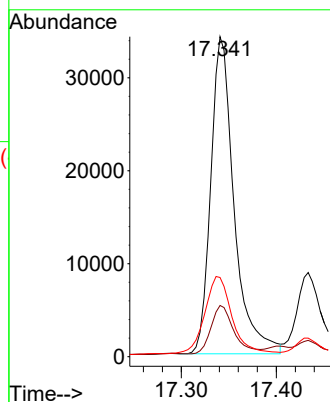
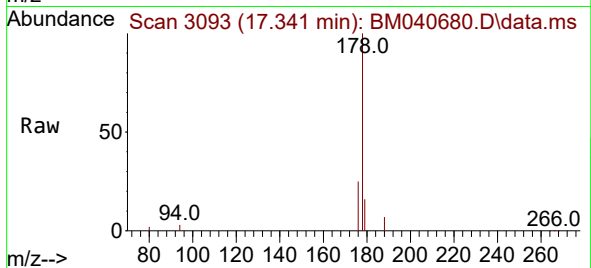
Tgt Ion:178	Resp:	58330
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.8 19.2
176	24.7	16.4 24.6

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Supervised By :Sohil Jodhani 07/06/2023



#16

Anthracene

Concen: 0.109 ng/ul

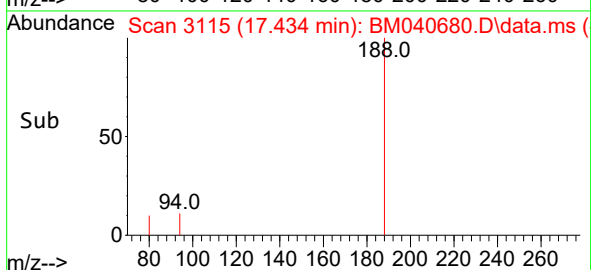
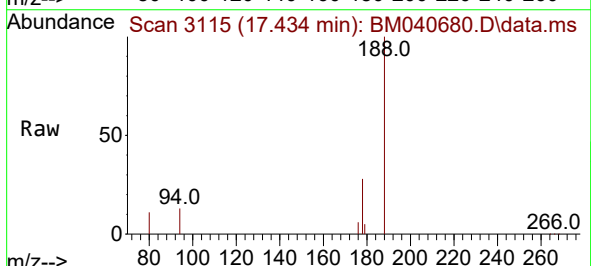
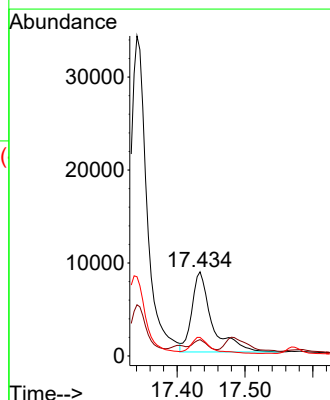
RT: 17.434 min Scan# 3115

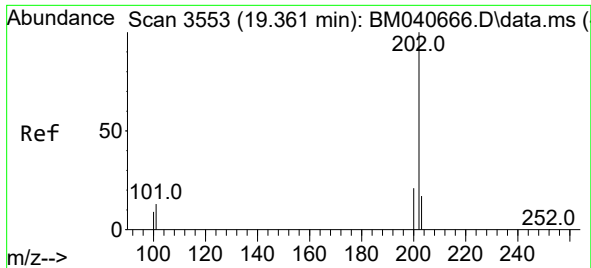
Delta R.T. -0.011 min

Lab File: BM040680.D

Acq: 06 Jul 2023 17:04

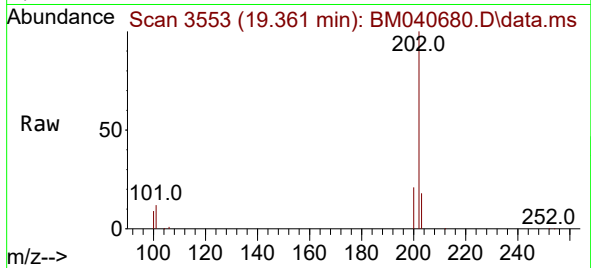
Tgt Ion:178	Resp:	17897
Ion Ratio	Lower	Upper
178	100	
179	19.5	12.9 19.3
176	22.0	15.8 23.6





#19
Fluoranthene
Concen: 1.379 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

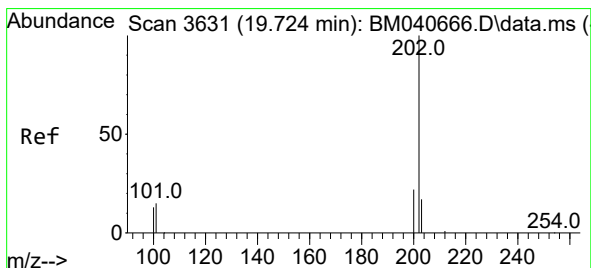
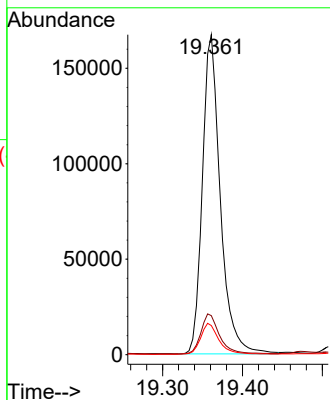
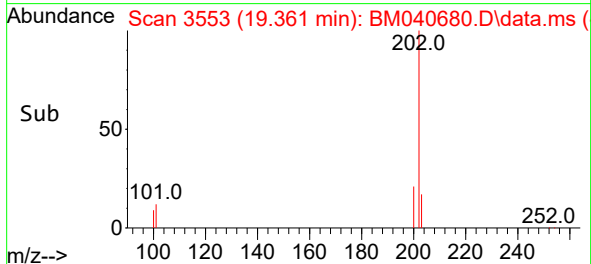
Instrument :
BNA_M
ClientSampleId :
DCGN8DL



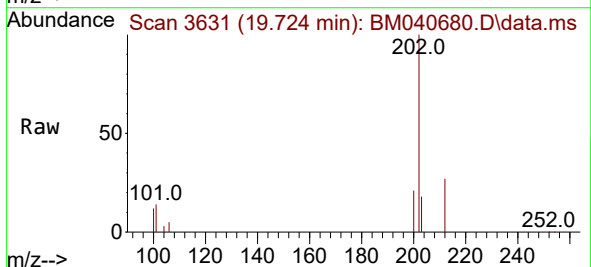
Tgt Ion:202 Resp: 26115
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.1 8.7 13.1

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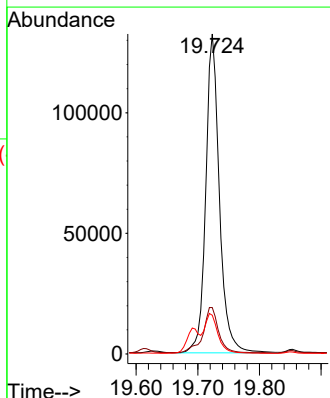
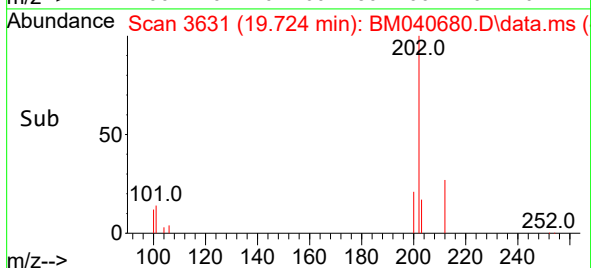
Reviewed By :Yogesh Patel 07/06/2023
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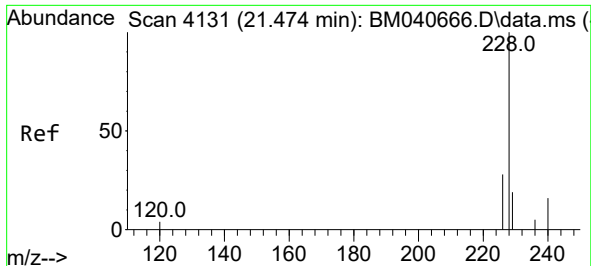


#20
Pyrene
Concen: 0.998 ng/ul
RT: 19.724 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04



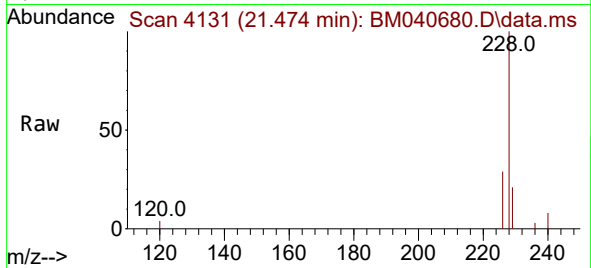
Tgt Ion:202 Resp: 202539
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 12.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.658 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.004 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

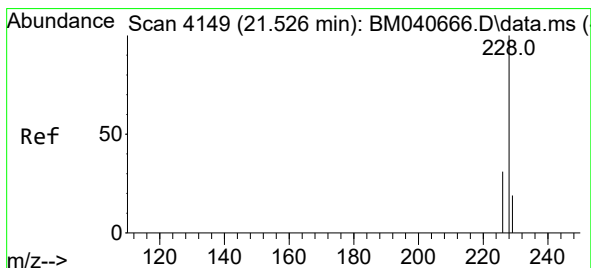
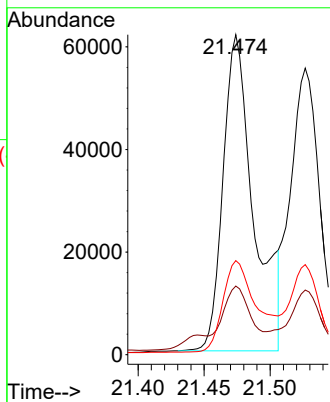
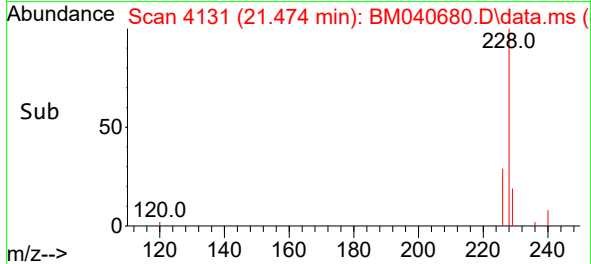
Instrument :
BNA_M
ClientSampleId :
DCGN8DL



Tgt Ion:228 Resp: 99208
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.4 22.3 33.5

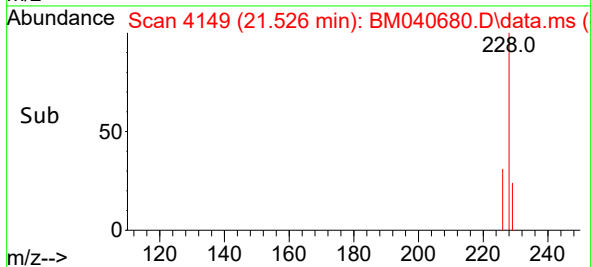
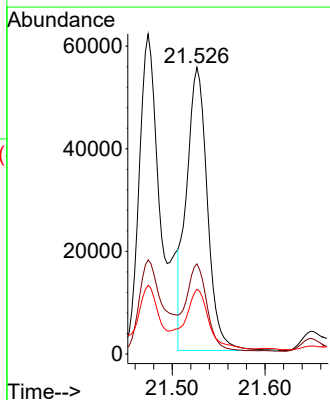
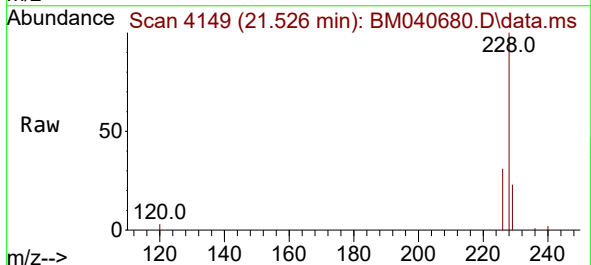
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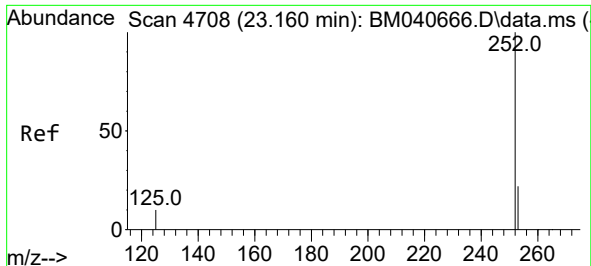
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#22
Chrysene
Concen: 0.501 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.004 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

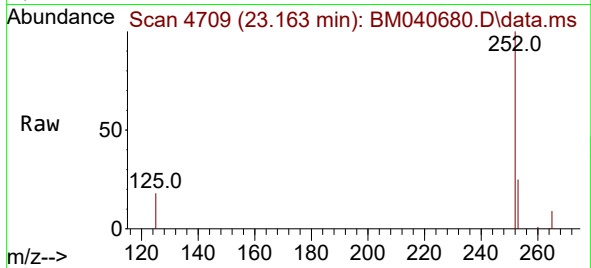
Tgt Ion:228 Resp: 86225
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.880 ng/ul
RT: 23.163 min Scan# 4709
Delta R.T. -0.004 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

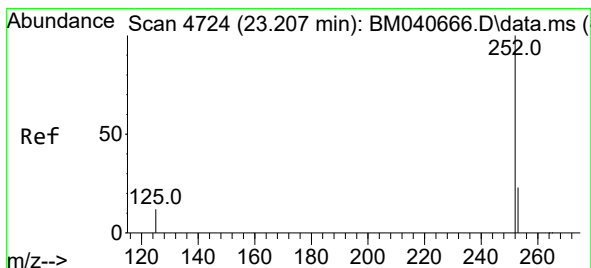
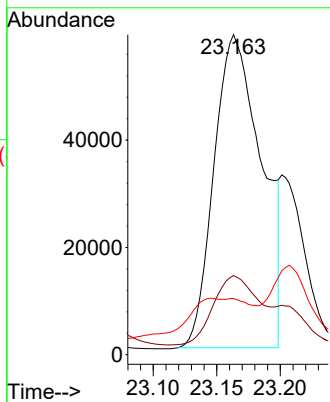
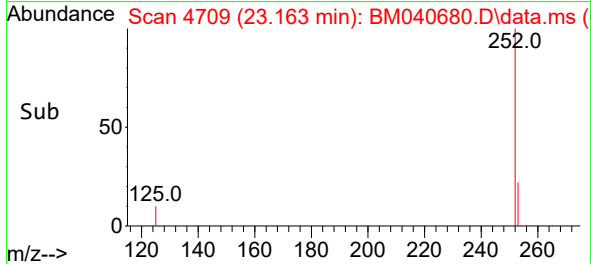
Instrument :
BNA_M
ClientSampleId :
DCGN8DL



Tgt Ion:252 Resp: 15237
Ion Ratio Lower Upper
252 100
253 24.7 0.0 52.8
125 17.5 0.0 43.0

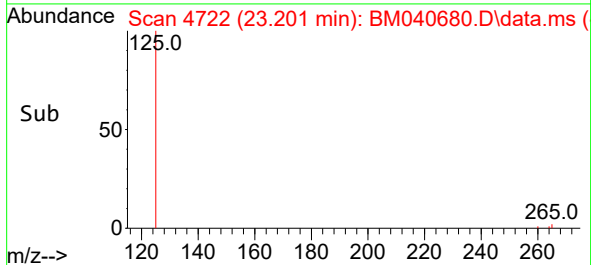
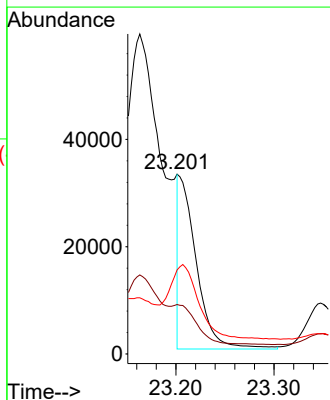
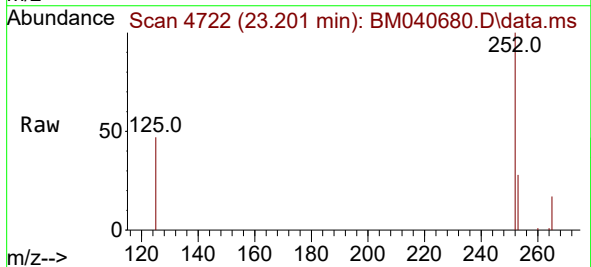
Manual Integrations
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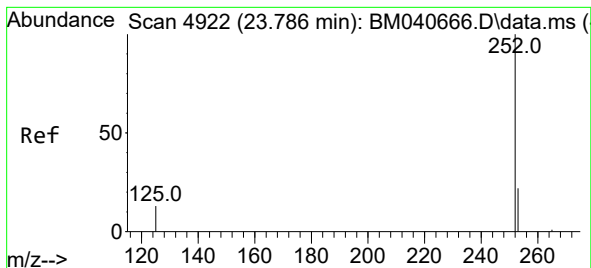
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 0.236 ng/ul m
RT: 23.201 min Scan# 4722
Delta R.T. -0.010 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

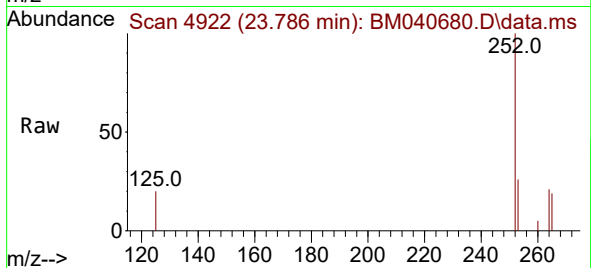
Tgt Ion:252 Resp: 40311
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 46.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.524 ng/ul
RT: 23.786 min Scan# 4922
Delta R.T. -0.007 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

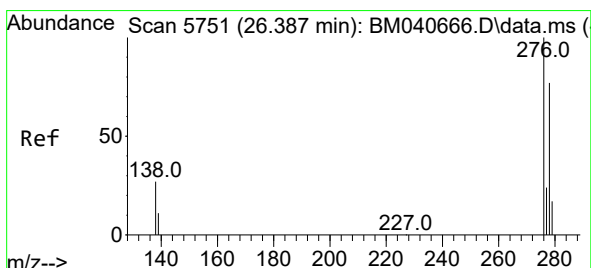
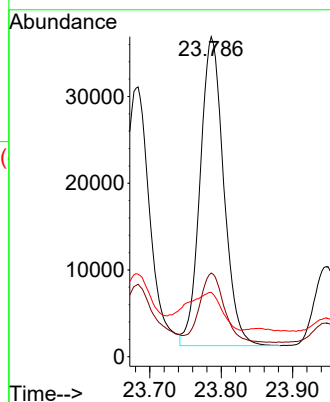
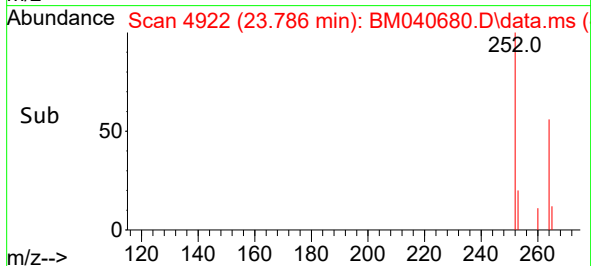
Instrument :
BNA_M
ClientSampleId :
DCGN8DL



Tgt Ion:252 Resp: 81780
Ion Ratio Lower Upper
252 100
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125 20.1 21.0 31.4

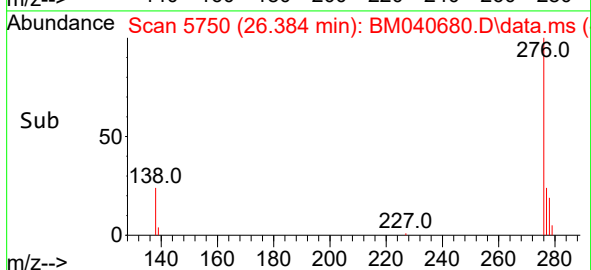
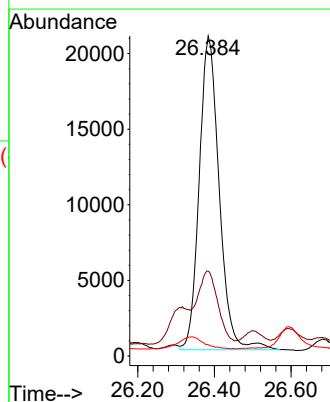
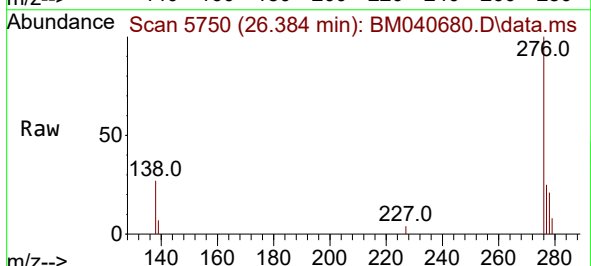
Manual Integrations
APPROVED

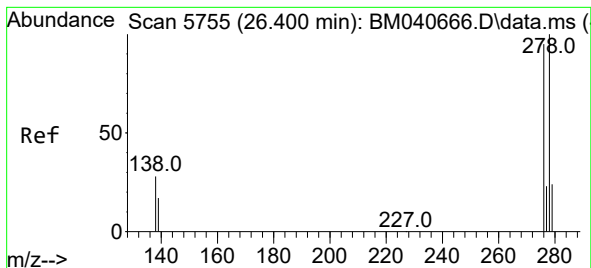
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.384 min Scan# 5750
Delta R.T. -0.005 min
Lab File: BM040680.D
Acq: 06 Jul 2023 17:04

Tgt Ion:276 Resp: 75340
Ion Ratio Lower Upper
276 100
138 20.0 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.102 ng/ul

RT: 26.394 min Scan# 51

Delta R.T. -0.015 min

Lab File: BM040680.D

Acq: 06 Jul 2023 17:04

Instrument :

BNA_M

ClientSampleId :

DCGN8DL

Tgt Ion:278 Resp: 17290

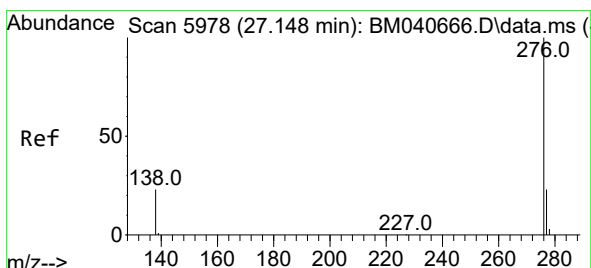
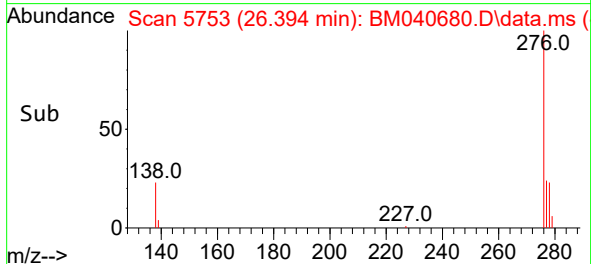
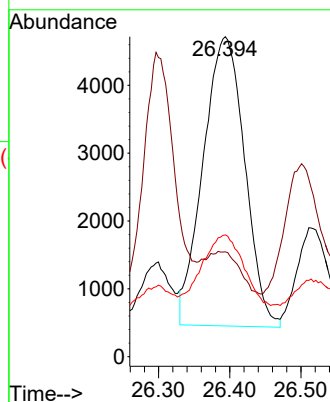
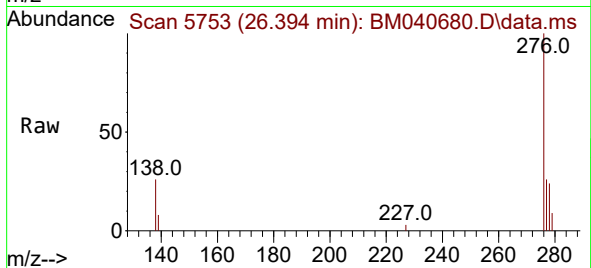
Ion	Ratio	Lower	Upper
278	100		
139	32.7	17.9	26.9
279	38.0	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Sohil Jodhani 07/06/2023



#29

Benzo(g,h,i)perylene

Concen: 0.313 ng/ul

RT: 27.158 min Scan# 5981

Delta R.T. -0.005 min

Lab File: BM040680.D

Acq: 06 Jul 2023 17:04

Tgt Ion:276 Resp: 59508

Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.0	34.6
277	25.7	20.3	30.5

