

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040678.D
 Acq On : 06 Jul 2023 15:47
 Operator : MA/JU
 Sample : 03248-09DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 16:33:44 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	7.907	152	8445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.711	136	32744	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.553	164	16407	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	31105	0.400	ng/ul	0.00
17) Chrysene-d12	21.490	240	22625	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	22476	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	7529	0.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	2018	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	3303	0.046	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.760	128	13517	0.150	ng/ul	97
7) 2-Methylnaphthalene	12.377	142	2925	0.055	ng/ul	96
8) 1-Methylnaphthalene	12.597	142	1133	0.021	ng/ul	100
10) Acenaphthylene	14.270	152	82020	1.119	ng/ul	100
11) Acenaphthene	14.613	153	1936	0.031	ng/ul#	90
12) Fluorene	15.603	166	2690	0.041	ng/ul#	94
15) Phenanthrene	17.344	178	53404	0.553	ng/ul	99
16) Anthracene	17.432	178	45784	0.564	ng/ul	100
19) Fluoranthene	19.360	202	388425	4.042	ng/ul	95
20) Pyrene	19.722	202	348091	3.378	ng/ul	98
21) Benzo(a)anthracene	21.473	228	210351	2.749	ng/ul	97
22) Chrysene	21.525	228	148988	1.707	ng/ul	98
24) Benzo(b)fluoranthene	23.162	252	311434	3.580	ng/ul	89
25) Benzo(k)fluoranthene	23.194	252	101967m	1.189	ng/ul	
26) Benzo(a)pyrene	23.785	252	150723	1.924	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.379	276	139254	1.276	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.385	278	34064	0.399	ng/ul	96
29) Benzo(g,h,i)perylene	27.150	276	98090	1.026	ng/ul	96

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

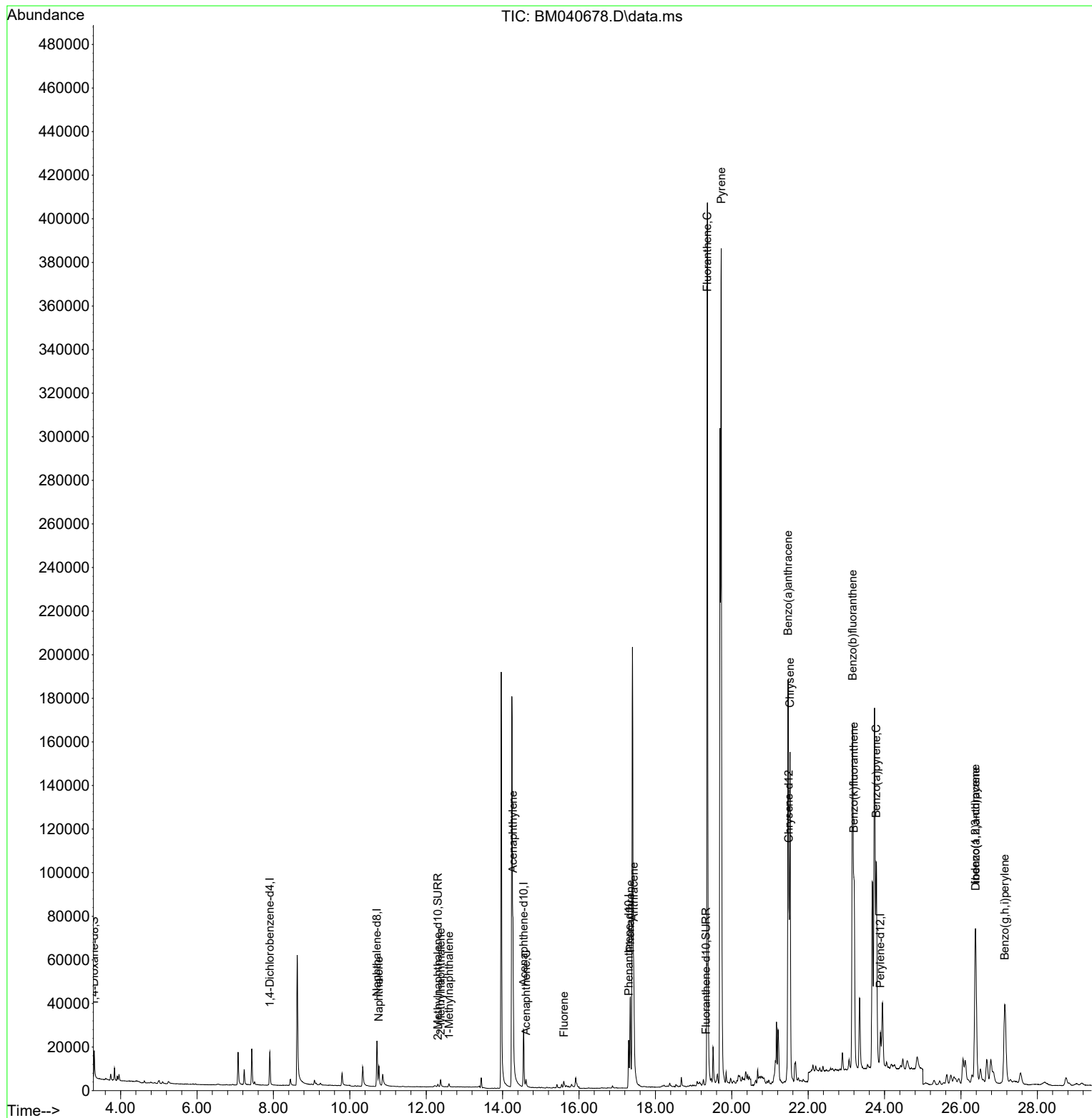
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040678.D
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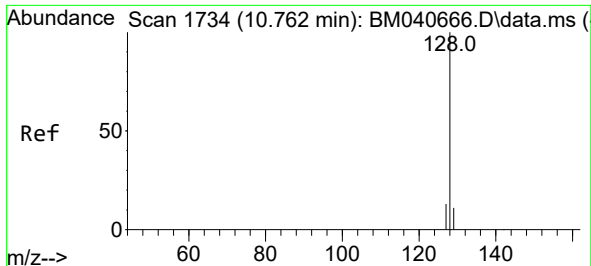
Instrument :
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Quant Time: Jul 06 16:33:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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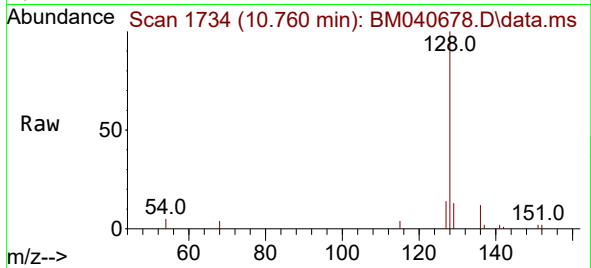
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.760 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

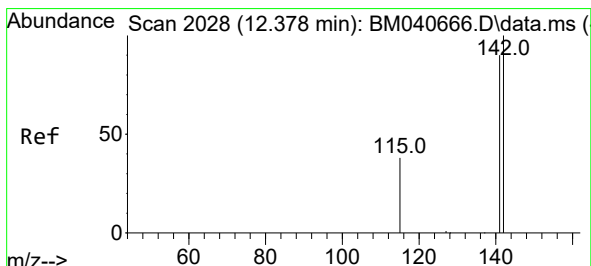
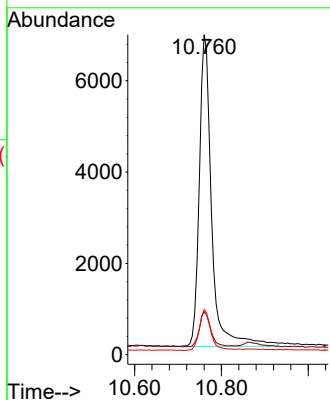
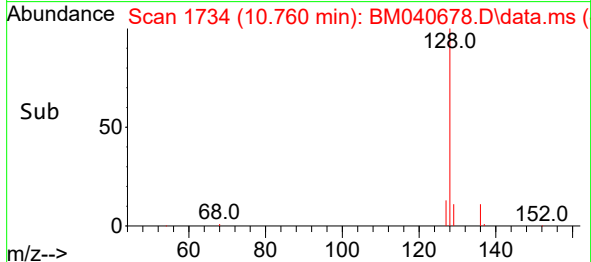
Instrument :
BNA_M
ClientSampleId :
DCGN7DL



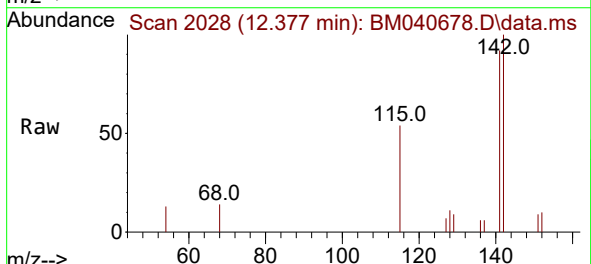
Tgt Ion:128 Resp: 1351
Ion Ratio Lower Upper
128 100
129 13.4 9.2 13.8
127 14.1 10.6 15.8

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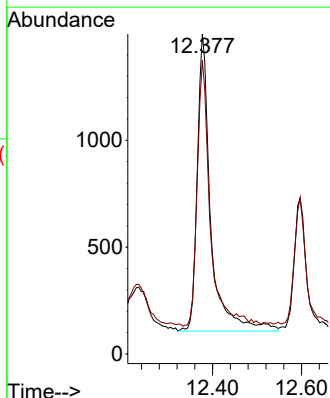
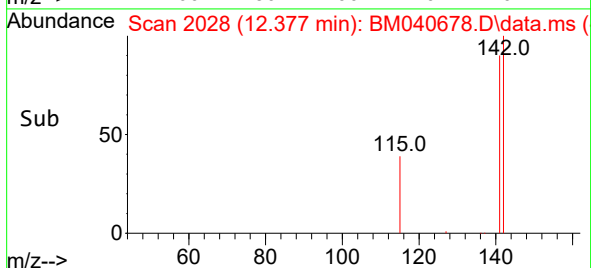
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

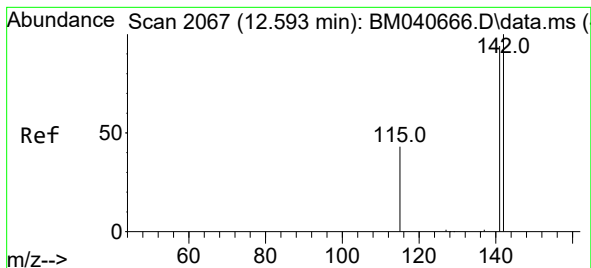


#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.377 min Scan# 2028
Delta R.T. -0.005 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47



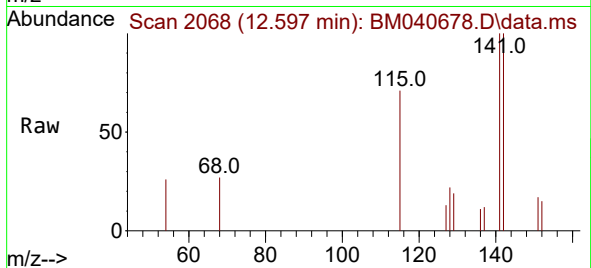
Tgt Ion:142 Resp: 2925
Ion Ratio Lower Upper
142 100
141 85.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.597 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

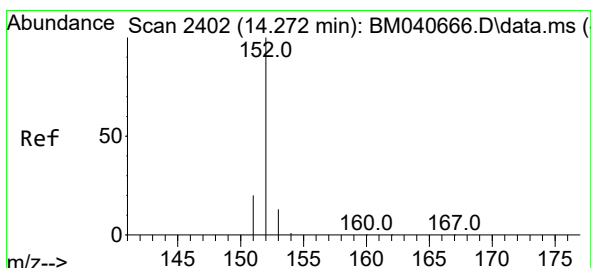
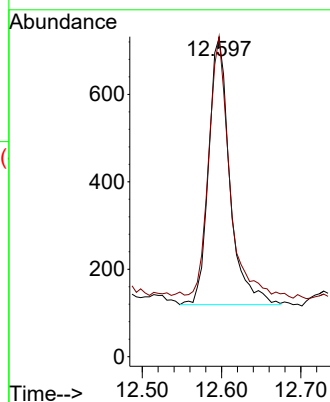
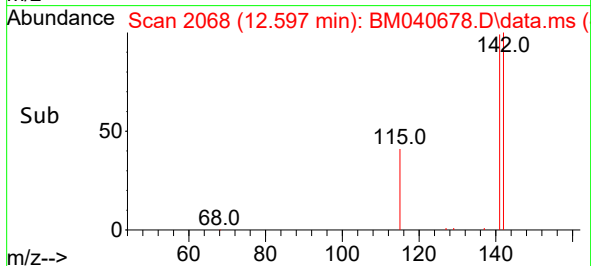
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
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141 92.2 73.7 110.5

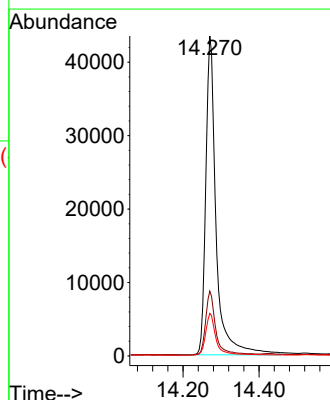
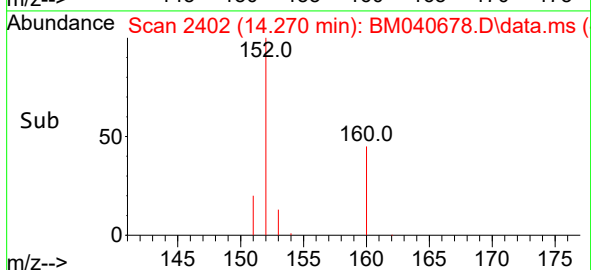
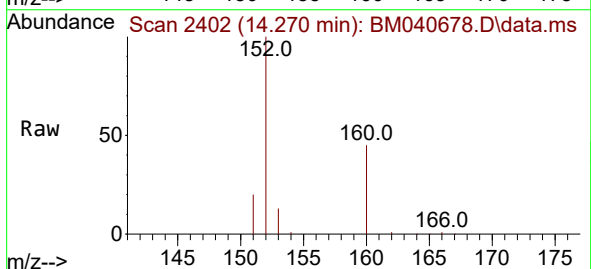
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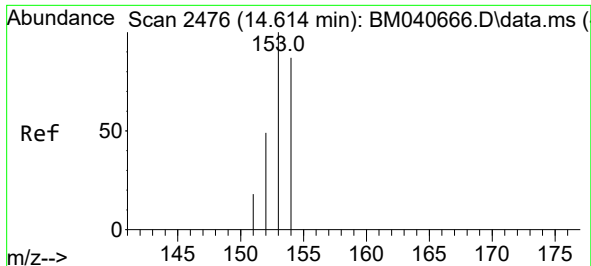
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 1.119 ng/ul
RT: 14.270 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

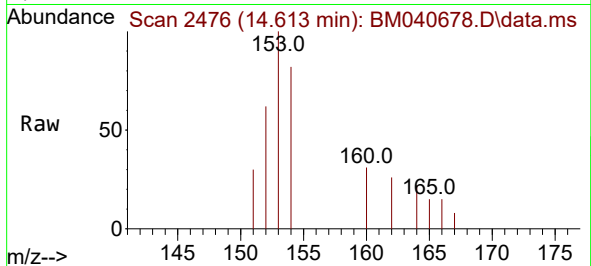
Tgt Ion:152 Resp: 82020
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.613 min Scan# 2476
Delta R.T. -0.005 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

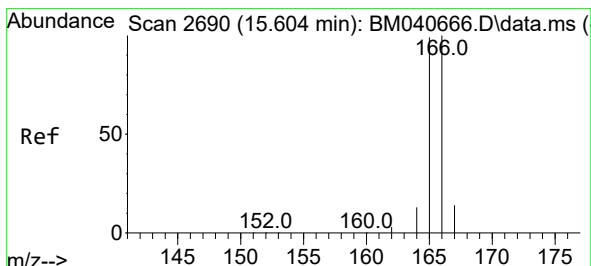
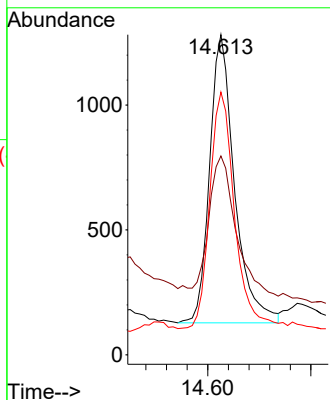
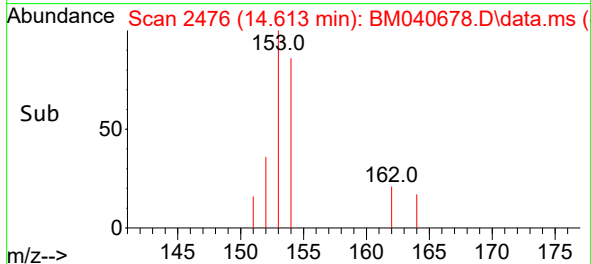
Instrument :
BNA_M
ClientSampleId :
DCGN7DL



Tgt Ion:153 Resp: 1930
Ion Ratio Lower Upper
153 100
152 62.1 41.0 61.4
154 82.1 70.8 106.2

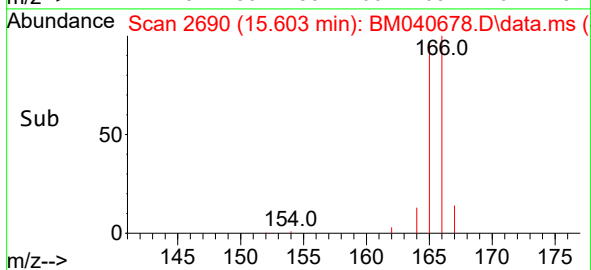
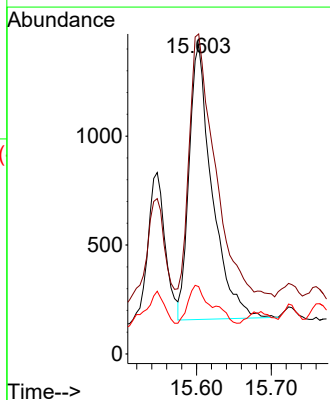
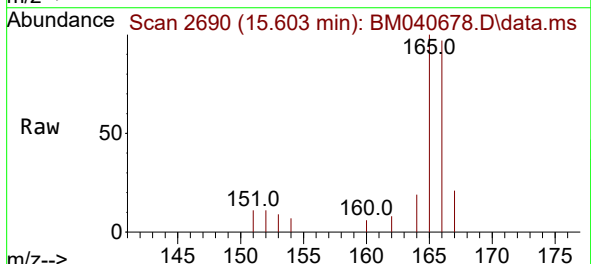
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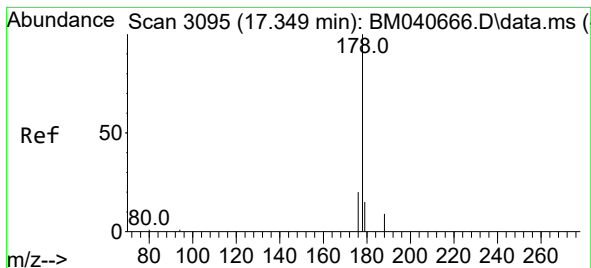
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.603 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

Tgt Ion:166 Resp: 2690
Ion Ratio Lower Upper
166 100
165 103.4 79.6 119.4
167 21.7 11.4 17.0#





#15

Phenanthrene

Concen: 0.553 ng/ul

RT: 17.344 min Scan# 3094

Delta R.T. -0.008 min

Lab File: BM040678.D

Acq: 06 Jul 2023 15:47

Instrument :

BNA_M

ClientSampleId :

DCGN7DL

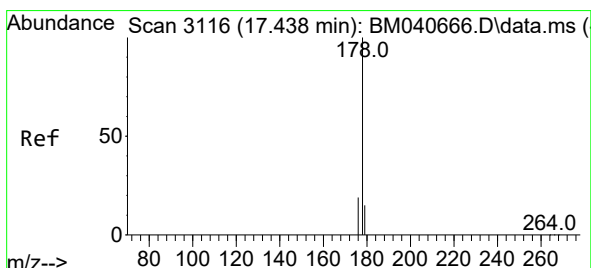
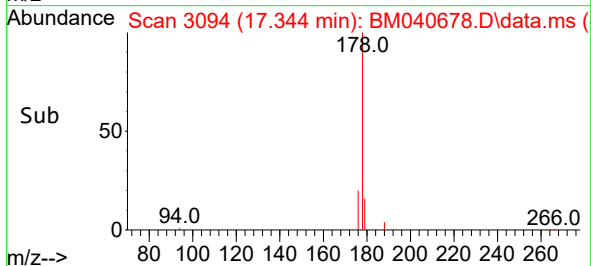
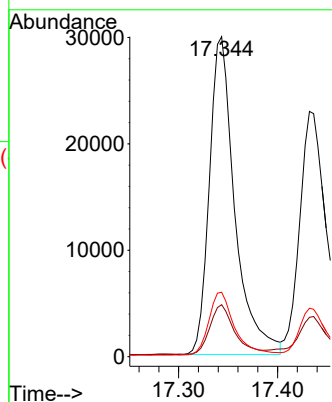
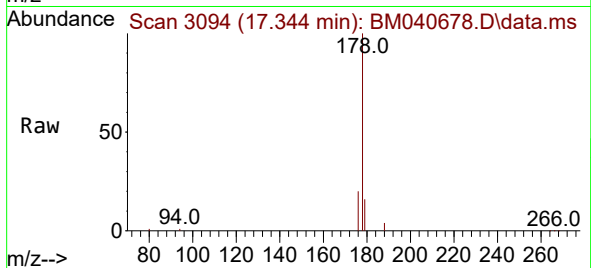
Tgt Ion:178	Resp:	53404
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.8 19.2
176	20.2	16.4 24.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#16

Anthracene

Concen: 0.564 ng/ul

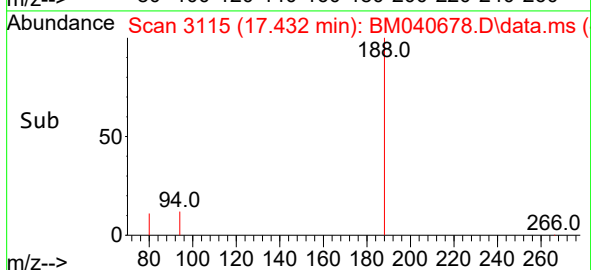
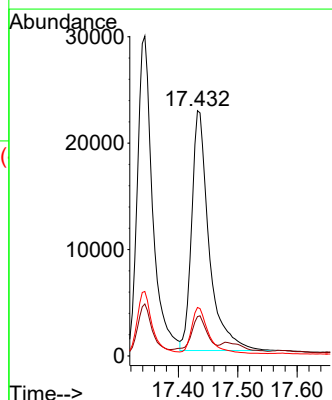
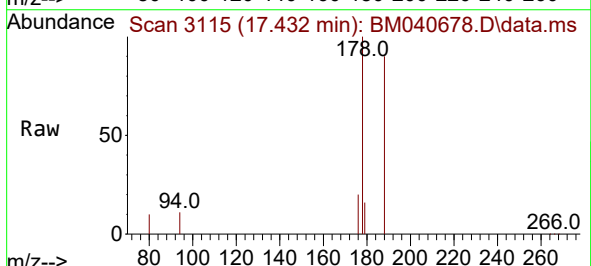
RT: 17.432 min Scan# 3115

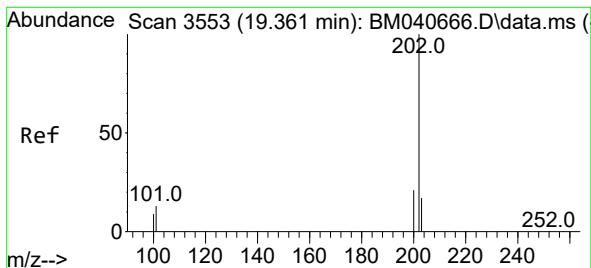
Delta R.T. -0.013 min

Lab File: BM040678.D

Acq: 06 Jul 2023 15:47

Tgt Ion:178	Resp:	45784
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.9 19.3
176	19.8	15.8 23.6





#19

Fluoranthene

Concen: 4.042 ng/ul

RT: 19.360 min Scan# 3553

Delta R.T. -0.009 min

Lab File: BM040678.D

Acq: 06 Jul 2023 15:47

Instrument :

BNA_M

ClientSampleId :

DCGN7DL

Tgt Ion:202 Resp: 388425

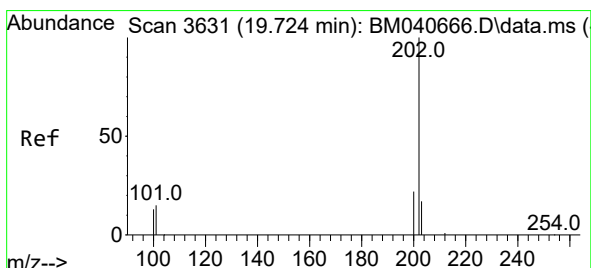
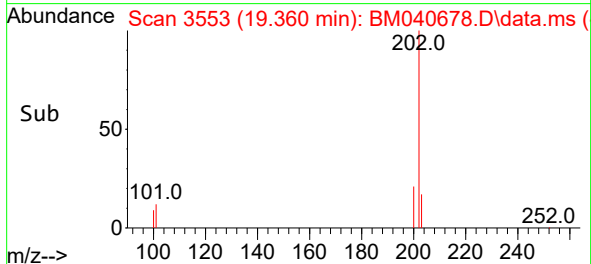
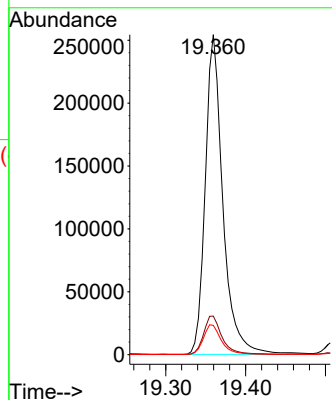
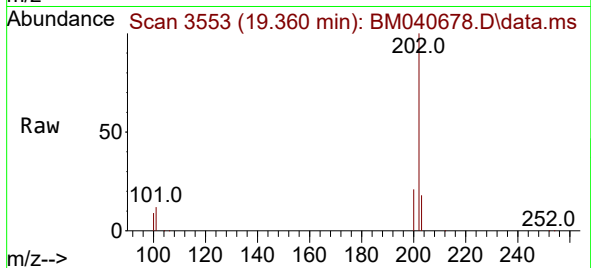
Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.4	17.0
100	9.2	8.7	13.1

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#20

Pyrene

Concen: 3.378 ng/ul

RT: 19.722 min Scan# 3631

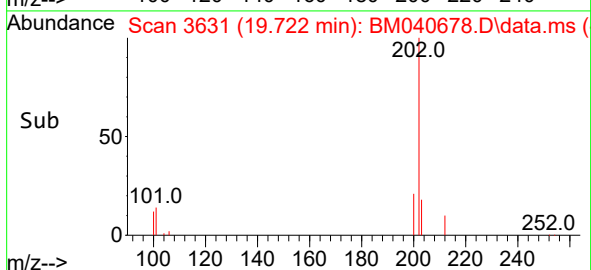
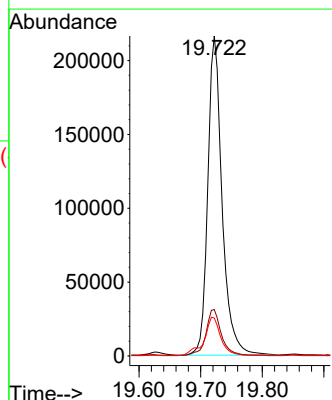
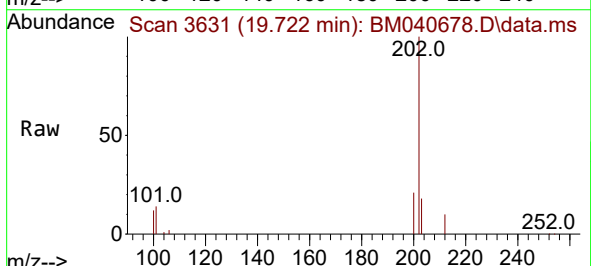
Delta R.T. -0.009 min

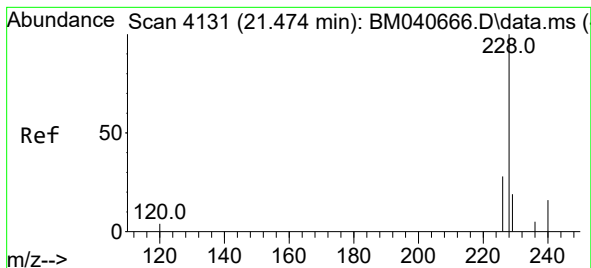
Lab File: BM040678.D

Acq: 06 Jul 2023 15:47

Tgt Ion:202 Resp: 348091

Ion	Ratio	Lower	Upper
202	100		
101	14.5	12.6	18.8
100	11.8	9.8	14.6





#21

Benzo(a)anthracene

Concen: 2.749 ng/ul

RT: 21.473 min Scan# 4131

Delta R.T. -0.006 min

Lab File: BM040678.D

Acq: 06 Jul 2023 15:47

Instrument :

BNA_M

ClientSampleId :

DCGN7DL

Tgt Ion:228 Resp: 21035

Ion Ratio Lower Upper

228 100

229 20.9 16.0 24.0

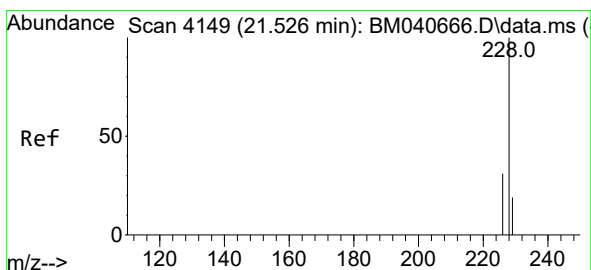
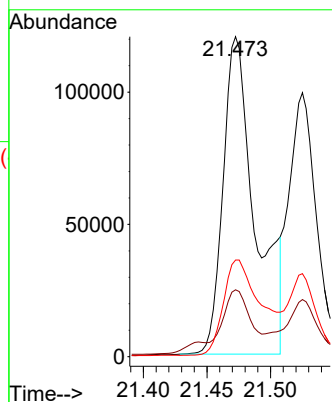
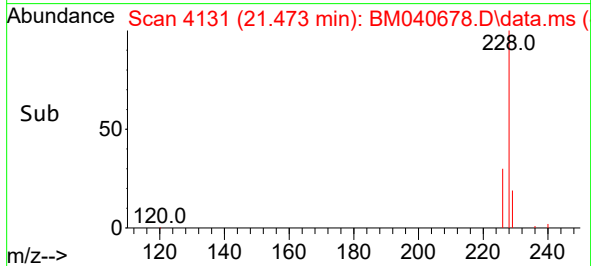
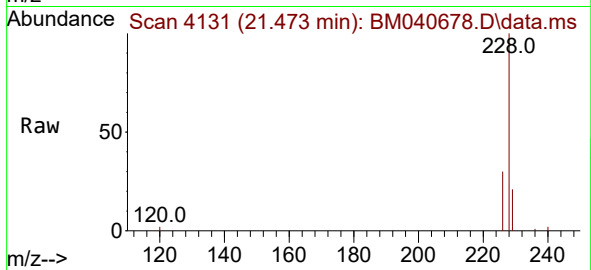
226 30.2 22.3 33.5

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#22

Chrysene

Concen: 1.707 ng/ul

RT: 21.525 min Scan# 4149

Delta R.T. -0.006 min

Lab File: BM040678.D

Acq: 06 Jul 2023 15:47

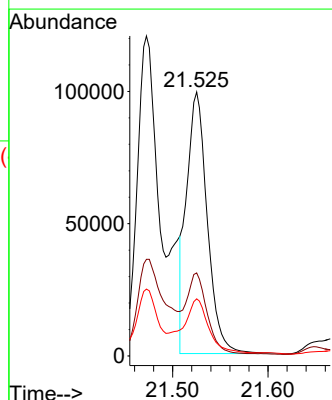
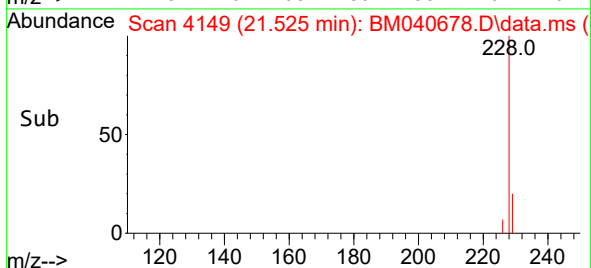
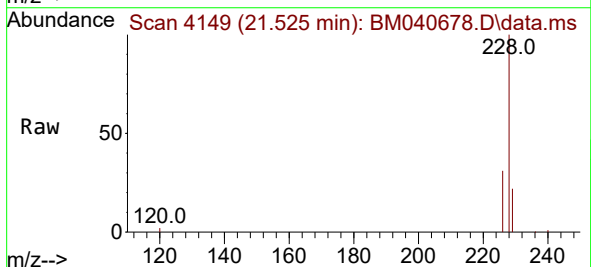
Tgt Ion:228 Resp: 148988

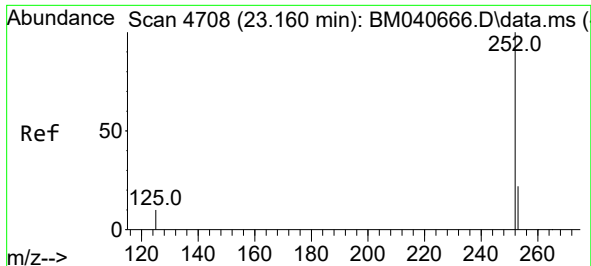
Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

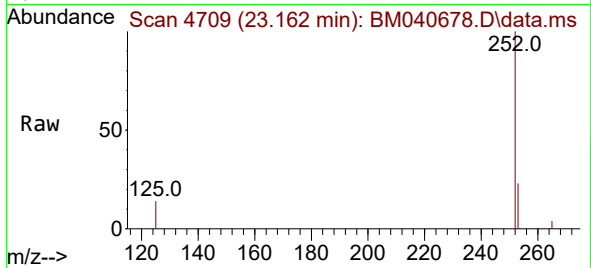
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.580 ng/ul
RT: 23.162 min Scan# 4709
Delta R.T. -0.006 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

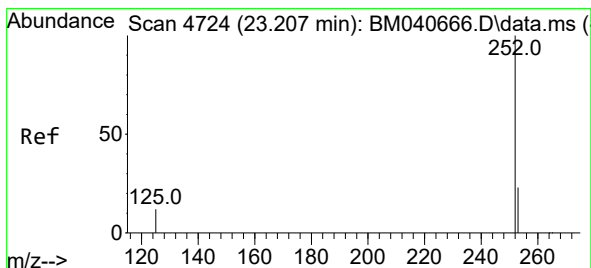
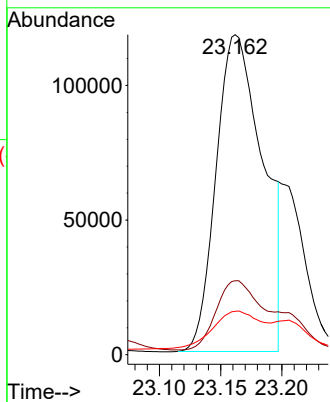
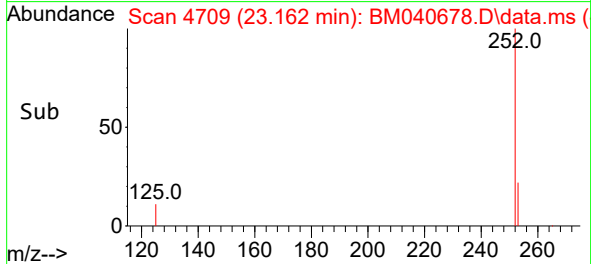
Instrument :
BNA_M
ClientSampleId :
DCGN7DL



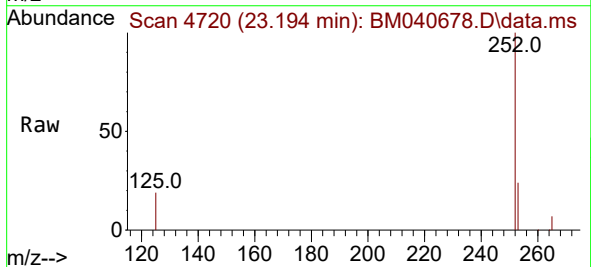
Tgt Ion:252 Resp: 311434
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.8
125 13.6 0.0 43.0

Manual Integrations
APPROVED

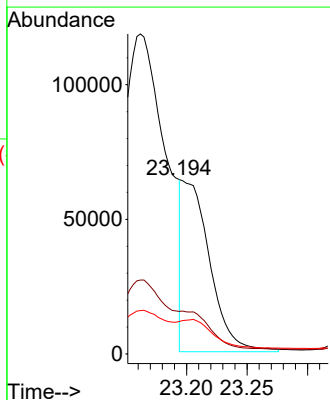
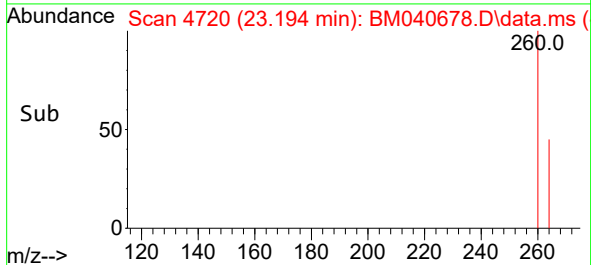
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

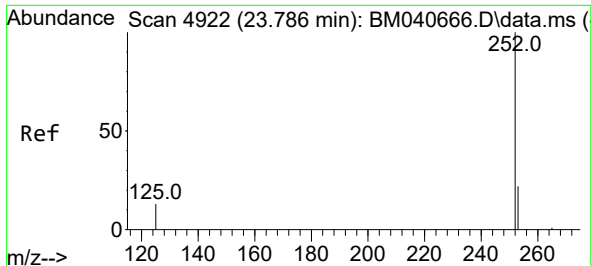


#25
Benzo(k)fluoranthene
Concen: 1.189 ng/ul m
RT: 23.194 min Scan# 4720
Delta R.T. -0.018 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47



Tgt Ion:252 Resp: 101967
Ion Ratio Lower Upper
252 100
253 24.4 21.2 31.8
125 18.6 16.4 24.6





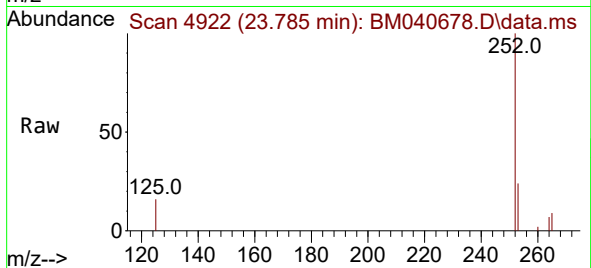
#26
Benzo(a)pyrene
Concen: 1.924 ng/ul
RT: 23.785 min Scan# 4922
Delta R.T. -0.009 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

Instrument :

BNA_M

ClientSampleId :

DCGN7DL

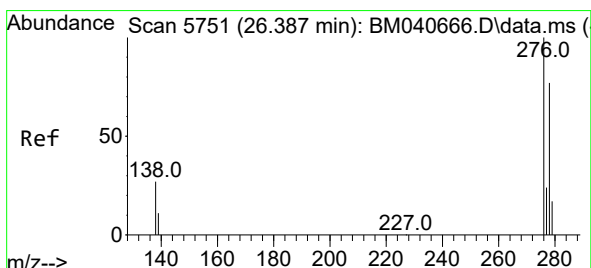
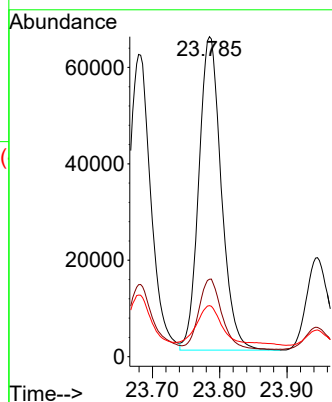
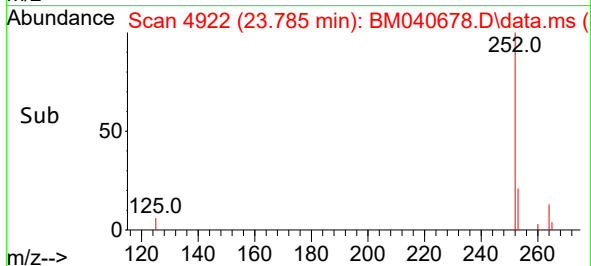


Tgt Ion:252 Resp: 150723
Ion Ratio Lower Upper
252 100
253 24.2 22.9 34.3
125 16.0 21.0 31.4

Manual Integrations

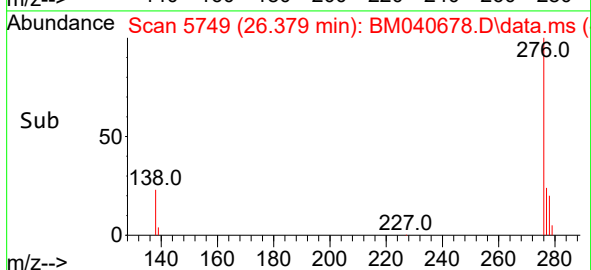
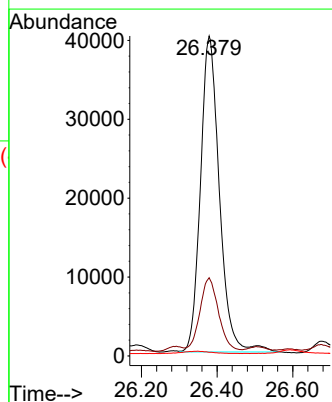
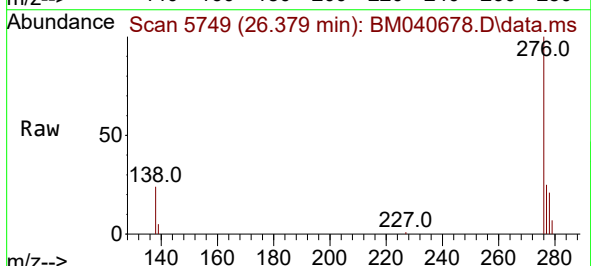
APPROVED

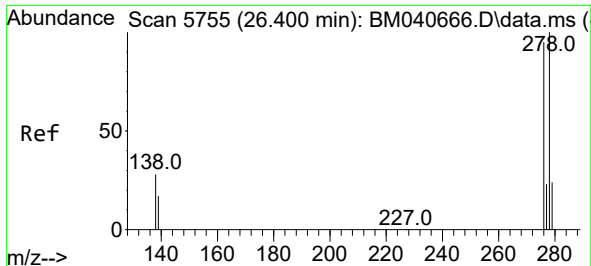
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.276 ng/ul
RT: 26.379 min Scan# 5749
Delta R.T. -0.010 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

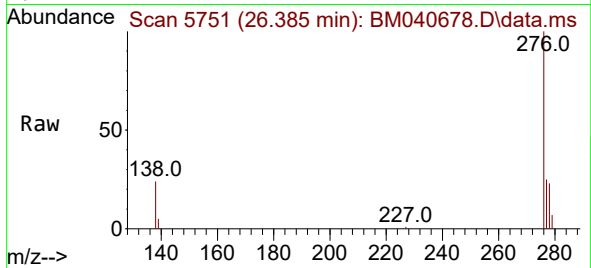
Tgt Ion:276 Resp: 139254
Ion Ratio Lower Upper
276 100
138 22.5 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.385 min Scan# 5755
Delta R.T. -0.023 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47

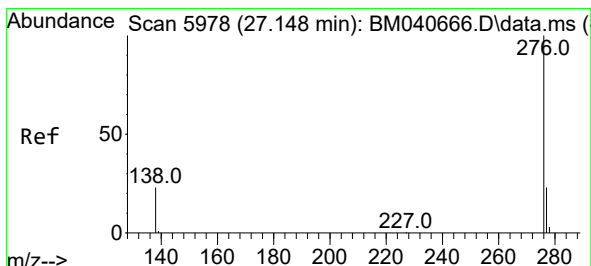
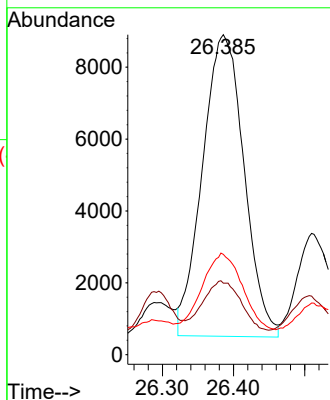
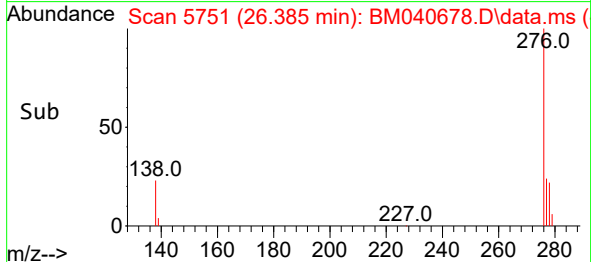
Instrument :
BNA_M
ClientSampleId :
DCGN7DL



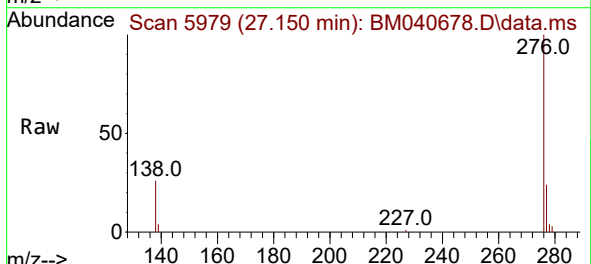
Tgt Ion:278 Resp: 34064
Ion Ratio Lower Upper
278 100
139 22.4 17.9 26.9
279 31.3 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.026 ng/ul
RT: 27.150 min Scan# 5979
Delta R.T. -0.013 min
Lab File: BM040678.D
Acq: 06 Jul 2023 15:47



Tgt Ion:276 Resp: 98090
Ion Ratio Lower Upper
276 100
138 25.7 23.0 34.6
277 24.4 20.3 30.5

