

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040674.D
 Acq On : 06 Jul 2023 13:14
 Operator : MA/JU
 Sample : 03248-05DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 15:21:32 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	5584	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	21635	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.549	164	10325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	19226	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	12489	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	13629	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	5211	0.594	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	1345	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	2195	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.761	128	3602	0.060	ng/ul#	88
7) 2-Methylnaphthalene	12.378	142	1078	0.031	ng/ul	94
10) Acenaphthylene	14.272	152	2654	0.058	ng/ul#	83
15) Phenanthrene	17.345	178	10180	0.170	ng/ul	97
16) Anthracene	17.438	178	3141	0.063	ng/ul#	82
19) Fluoranthene	19.361	202	25396	0.479	ng/ul	98
20) Pyrene	19.723	202	22040	0.388	ng/ul#	96
21) Benzo(a)anthracene	21.474	228	12531	0.297	ng/ul	94
22) Chrysene	21.526	228	13577	0.282	ng/ul#	94
24) Benzo(b)fluoranthene	23.163	252	26329	0.499	ng/ul	91
25) Benzo(k)fluoranthene	23.201	252	6241m	0.120	ng/ul	
26) Benzo(a)pyrene	23.786	252	13384	0.282	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.380	276	12503	0.189	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.390	278	2936	0.057	ng/ul#	33
29) Benzo(g,h,i)perylene	27.148	276	11139	0.192	ng/ul#	91

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

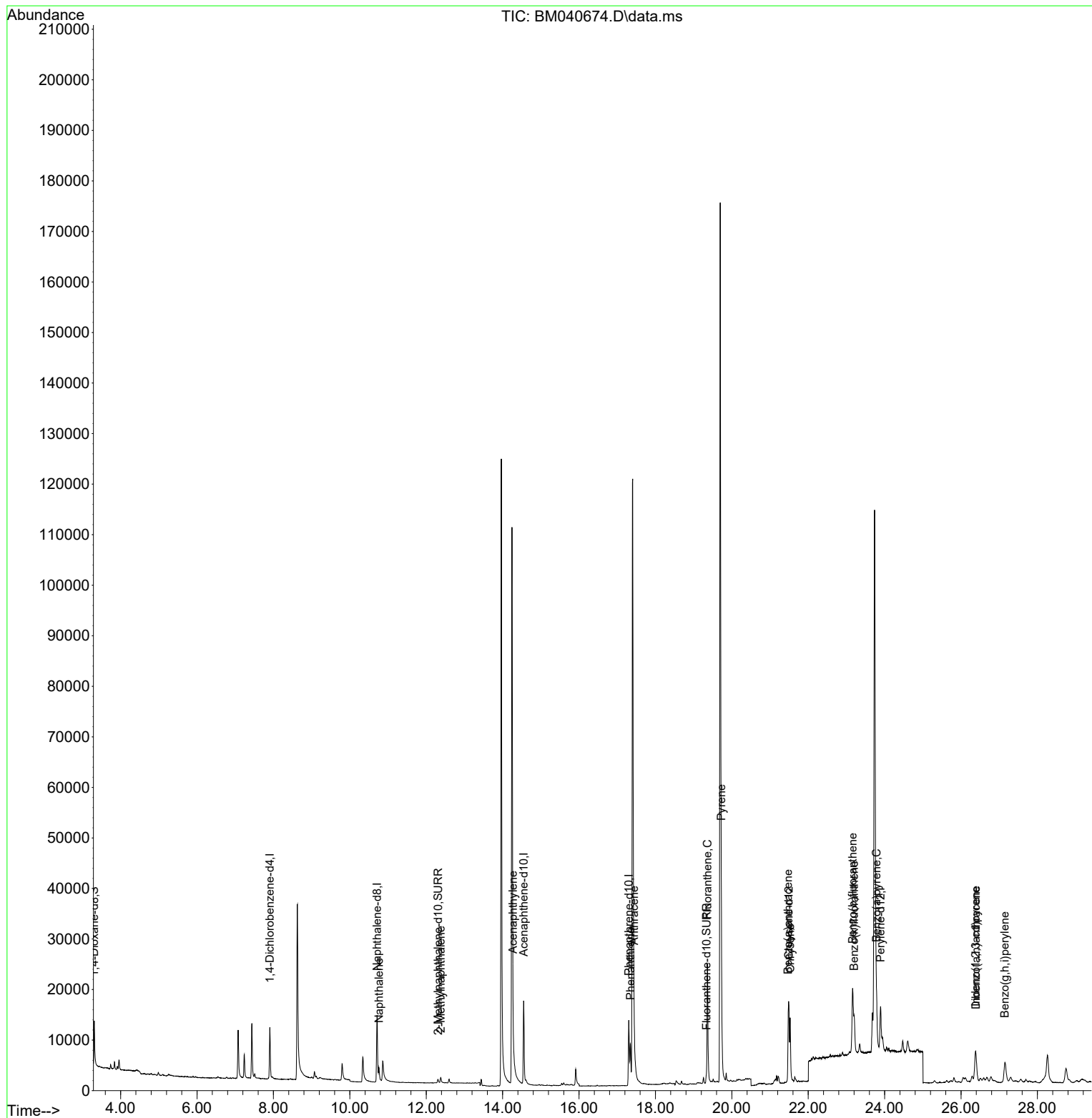
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040674.D
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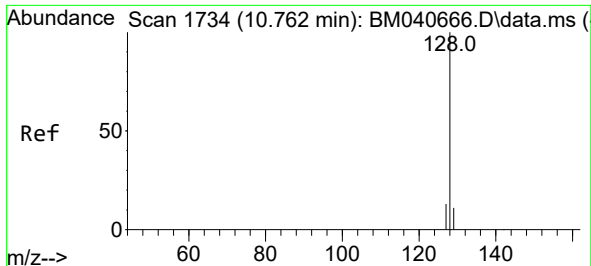
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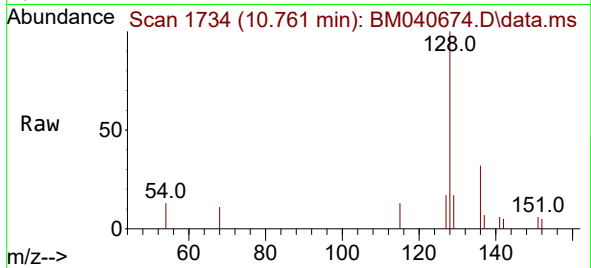
Quant Time: Jul 06 15:21:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
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#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.761 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

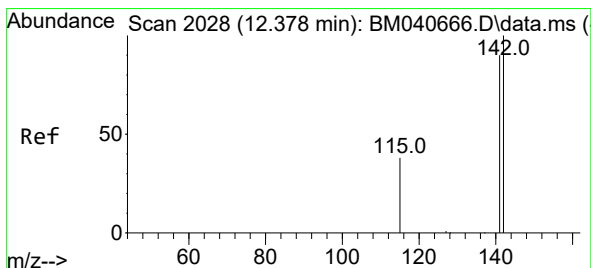
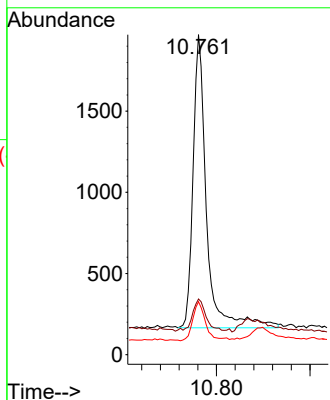
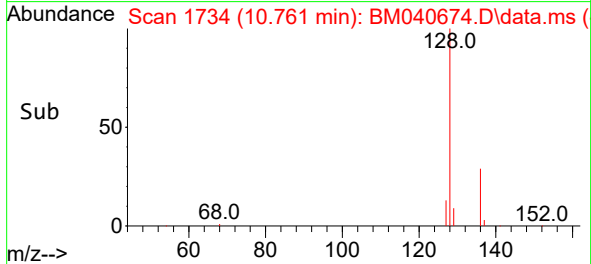
Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:128 Resp: 3602
Ion Ratio Lower Upper
128 100
129 17.4 9.2 13.8
127 16.5 10.6 15.8

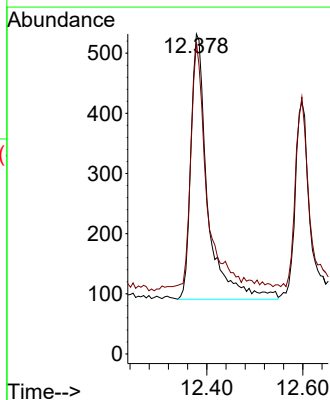
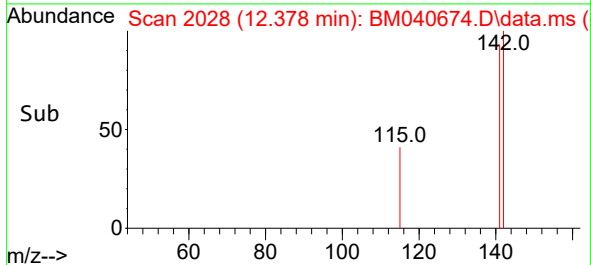
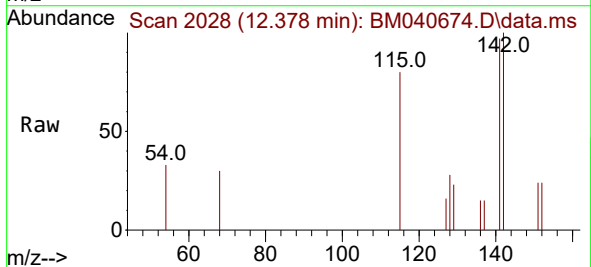
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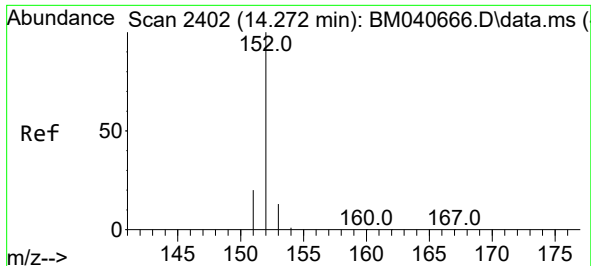
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

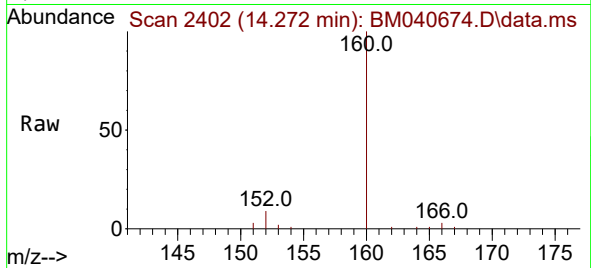
Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
141 95.4 71.9 107.9





#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

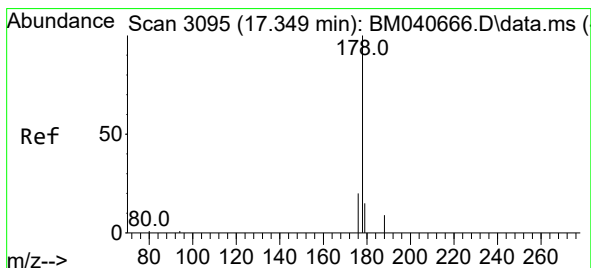
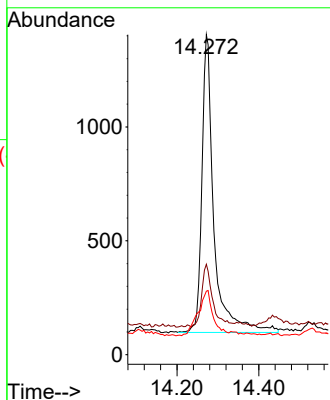
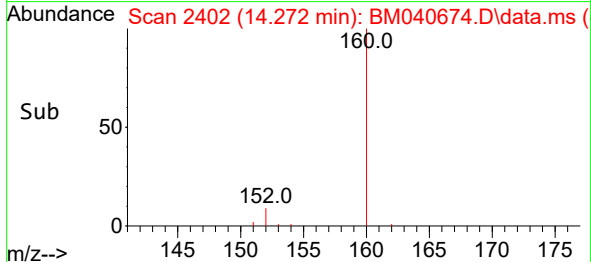
Instrument :
BNA_M
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DCGN3DL



Tgt Ion:152 Resp: 2654
Ion Ratio Lower Upper
152 100
151 28.3 16.2 24.2
153 19.9 10.9 16.3

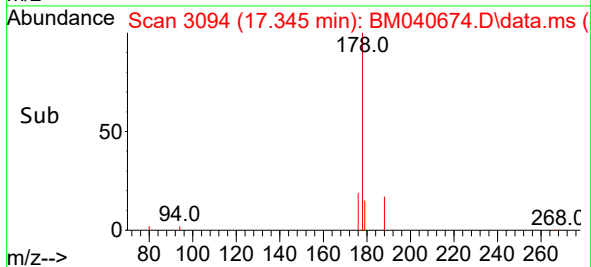
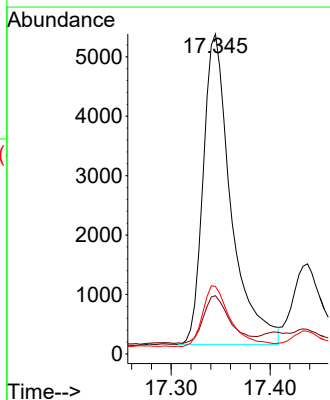
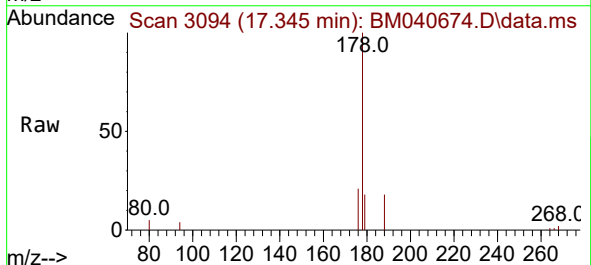
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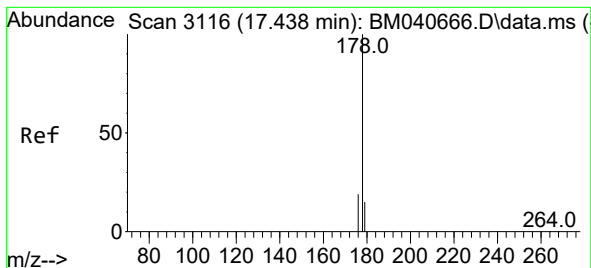
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#15
Phenanthrene
Concen: 0.170 ng/ul
RT: 17.345 min Scan# 3094
Delta R.T. -0.007 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

Tgt Ion:178 Resp: 10180
Ion Ratio Lower Upper
178 100
179 18.2 12.8 19.2
176 21.1 16.4 24.6





#16

Anthracene

Concen: 0.063 ng/ul

RT: 17.438 min Scan# 3116

Delta R.T. -0.007 min

Lab File: BM040674.D

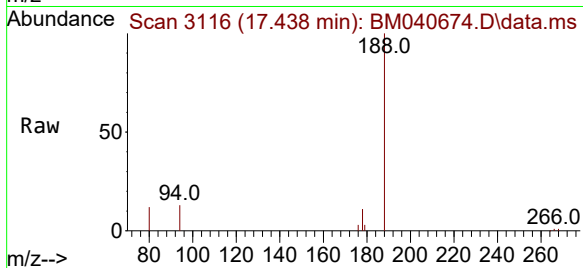
Acq: 06 Jul 2023 13:14

Instrument :

BNA_M

ClientSampleId :

DCGN3DL



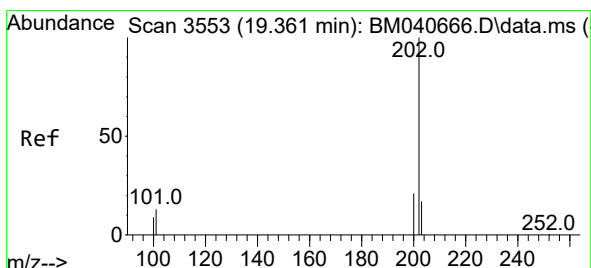
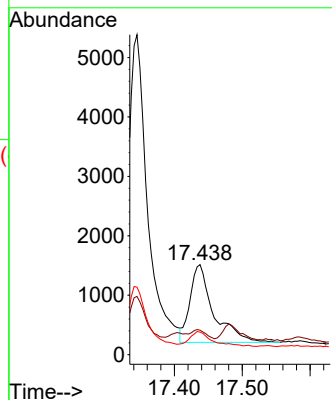
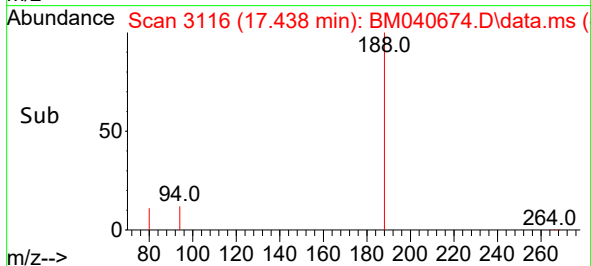
Tgt Ion:	178	Resp:	314
Ion Ratio	Lower	Upper	
178	100		
179	27.1	12.9	19.3
176	24.9	15.8	23.6

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Supervised By :Sohil Jodhani 07/06/2023



#19

Fluoranthene

Concen: 0.479 ng/ul

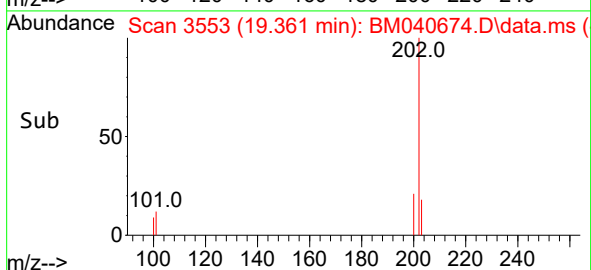
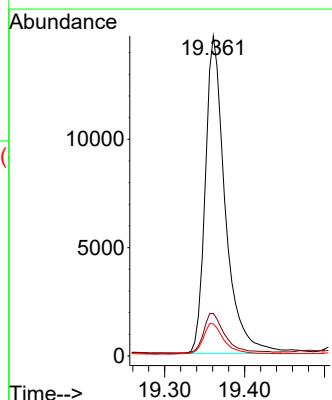
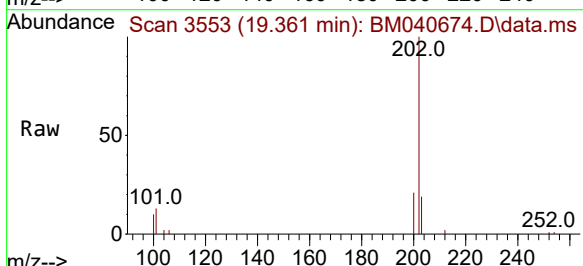
RT: 19.361 min Scan# 3553

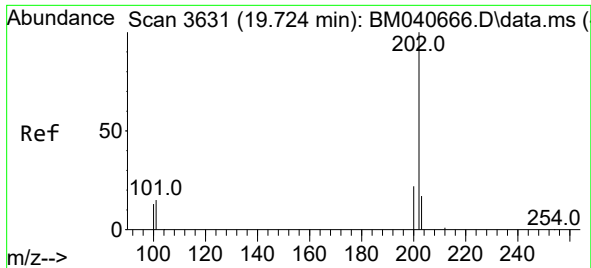
Delta R.T. -0.008 min

Lab File: BM040674.D

Acq: 06 Jul 2023 13:14

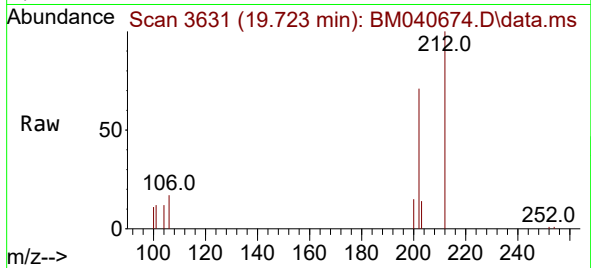
Tgt Ion:	202	Resp:	25396
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.4	17.0
100	10.1	8.7	13.1





#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.723 min Scan# 306
Delta R.T. -0.008 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

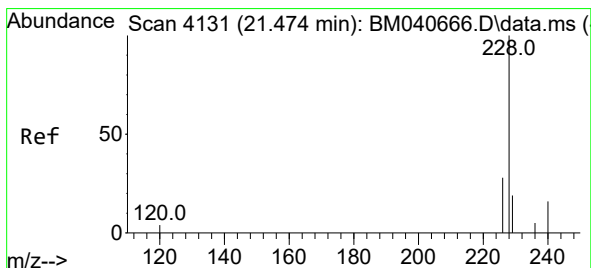
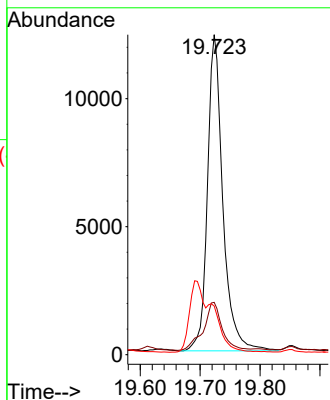
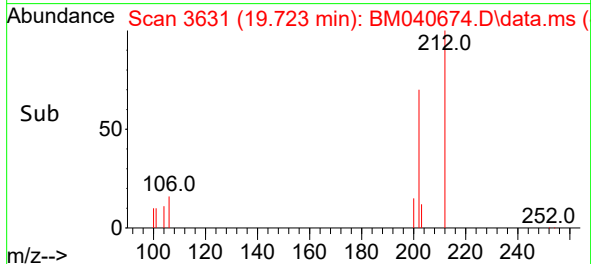
Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:202 Resp: 22040
Ion Ratio Lower Upper
202 100
101 16.3 12.6 18.8
100 15.2 9.8 14.6

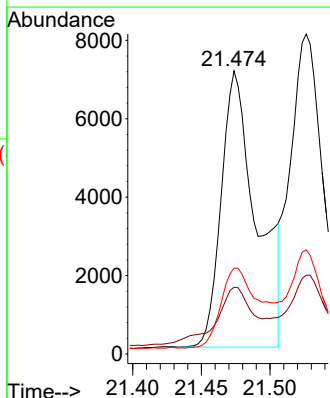
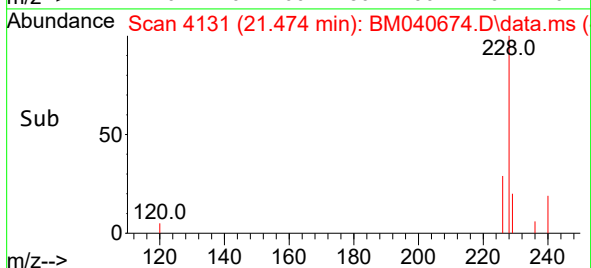
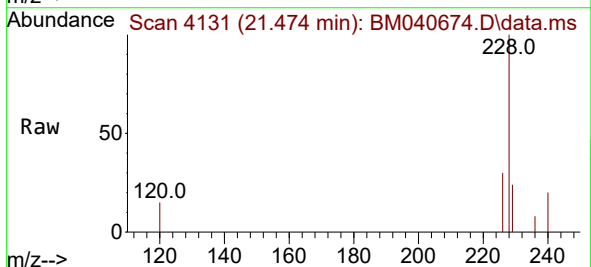
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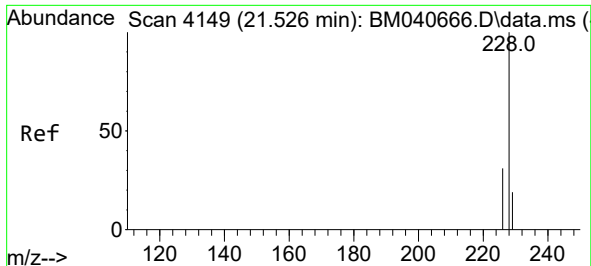
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#21
Benzo(a)anthracene
Concen: 0.297 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.005 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

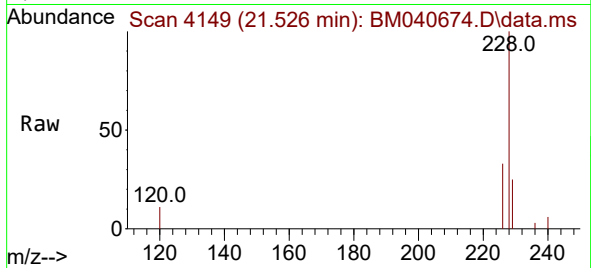
Tgt Ion:228 Resp: 12531
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 30.3 22.3 33.5





#22
Chrysene
Concen: 0.282 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.005 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

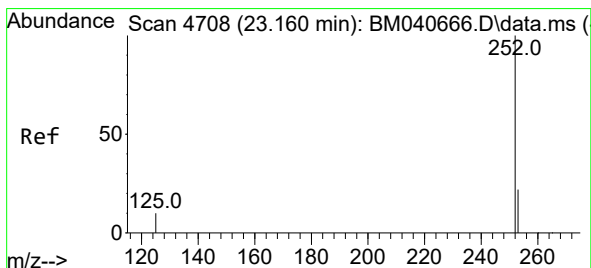
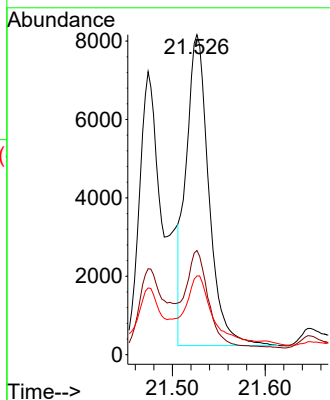
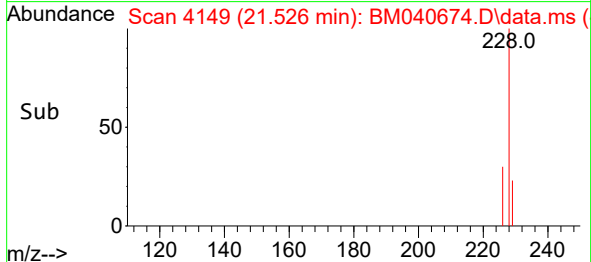
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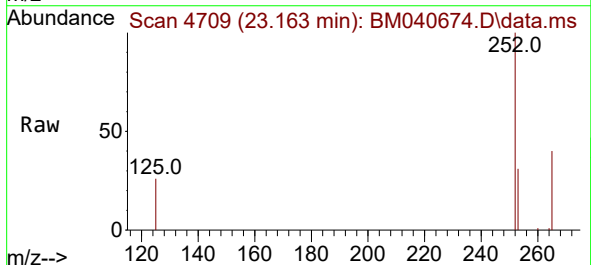
Tgt Ion:228 Resp: 1357
Ion Ratio Lower Upper
228 100
226 32.5 24.9 37.3
229 24.6 15.8 23.6

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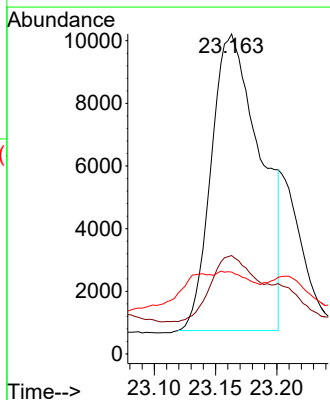
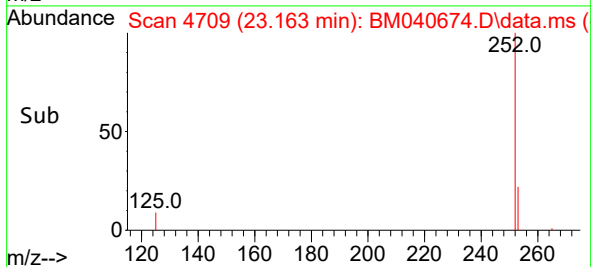
Reviewed By :Yogesh Patel 07/06/2023
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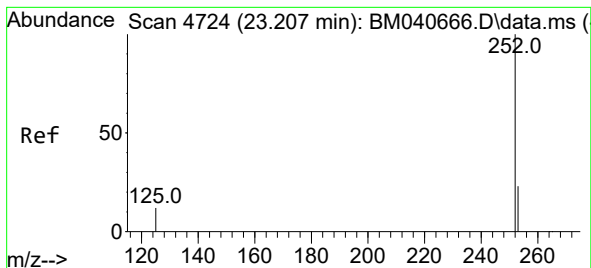


#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul
RT: 23.163 min Scan# 4709
Delta R.T. -0.005 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14



Tgt Ion:252 Resp: 26329
Ion Ratio Lower Upper
252 100
253 30.8 0.0 52.8
125 25.6 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 0.120 ng/ul m

RT: 23.201 min Scan# 4722

Delta R.T. -0.010 min

Lab File: BM040674.D

Acq: 06 Jul 2023 13:14

Instrument :

BNA_M

ClientSampleId :

DCGN3DL

Tgt Ion:252 Resp: 624

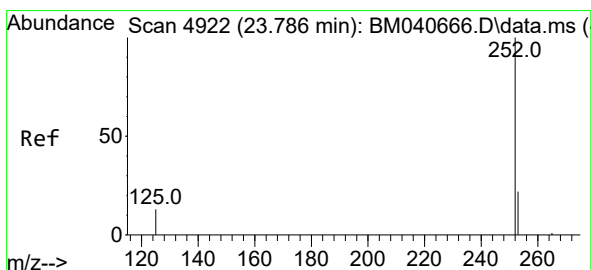
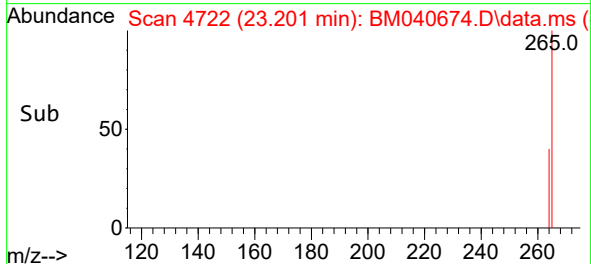
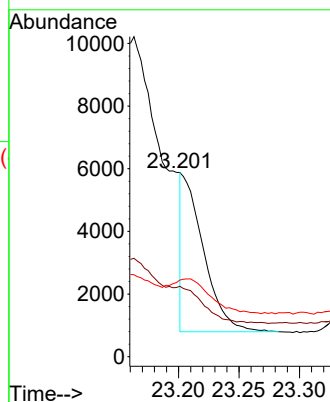
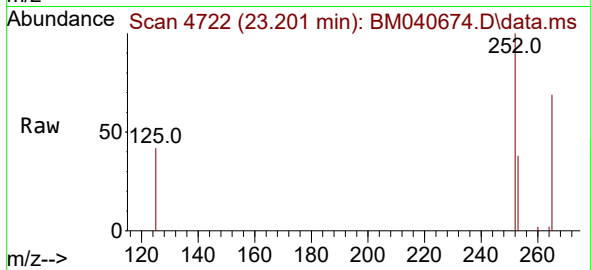
Ion	Ratio	Lower	Upper
252	100		
253	38.2	21.2	31.8
125	41.6	16.4	24.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#26

Benzo(a)pyrene

Concen: 0.282 ng/ul

RT: 23.786 min Scan# 4922

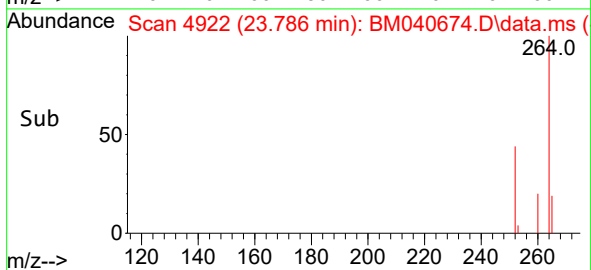
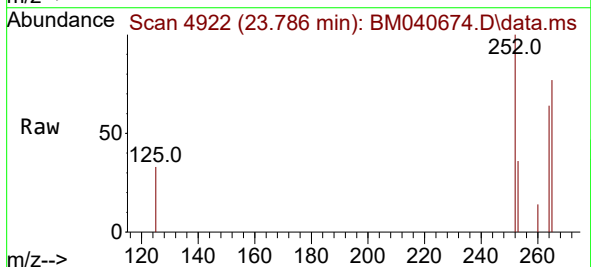
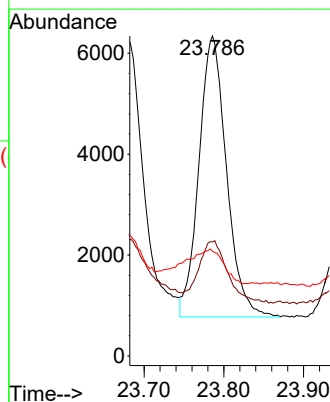
Delta R.T. -0.008 min

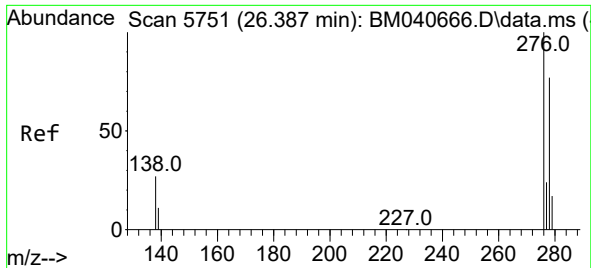
Lab File: BM040674.D

Acq: 06 Jul 2023 13:14

Tgt Ion:252 Resp: 13384

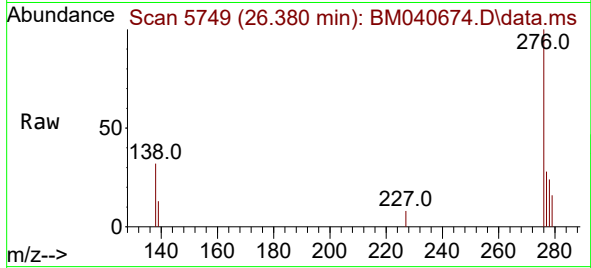
Ion	Ratio	Lower	Upper
252	100		
253	35.7	22.9	34.3
125	32.8	21.0	31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 26.380 min Scan# 5749
Delta R.T. -0.009 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

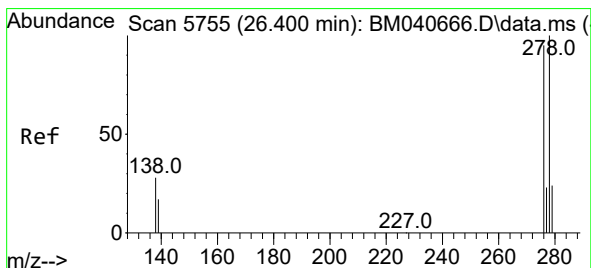
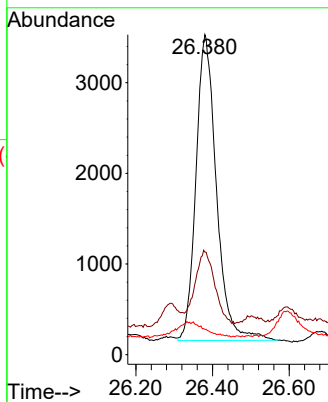
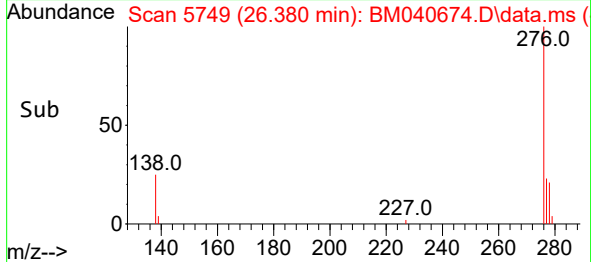
Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:276 Resp: 1250
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7
227 0.0 0.1 0.1

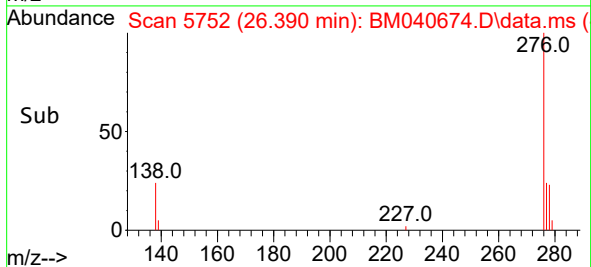
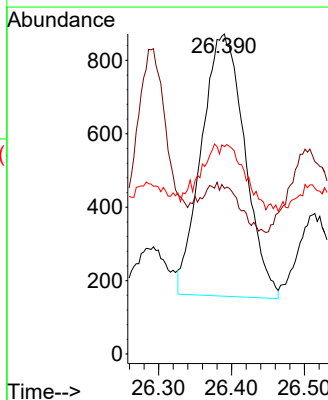
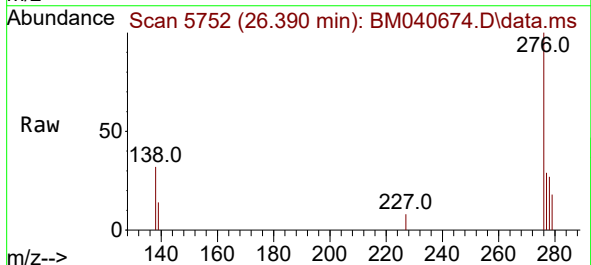
Manual Integrations
APPROVED

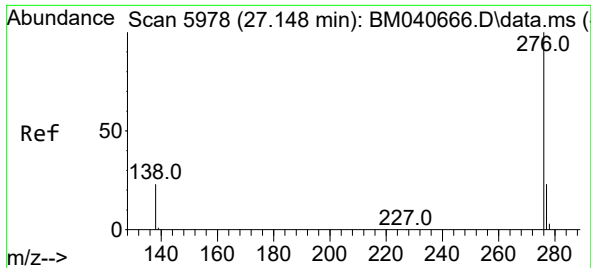
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. -0.019 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

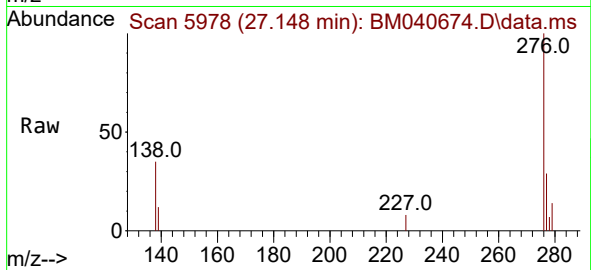
Tgt Ion:278 Resp: 2936
Ion Ratio Lower Upper
278 100
139 51.7 17.9 26.9#
279 64.8 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.192 ng/ul
RT: 27.148 min Scan# 5978
Delta R.T. -0.016 min
Lab File: BM040674.D
Acq: 06 Jul 2023 13:14

Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:276 Resp: 11139
Ion Ratio Lower Upper
276 100
138 34.6 23.0 34.6
277 28.6 20.3 30.5

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