

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040647.D
 Acq On : 05 Jul 2023 18:59
 Operator : MA/JU
 Sample : 03244-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGF9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 20:31:46 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	7.911	152	6697	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	24457	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	11247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	19950	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	11805	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	13213	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	6905	0.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.311	152	4592	0.134	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	6102	0.161	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.275	152	1398	0.028	ng/ul#	68
15) Phenanthrene	17.348	178	3796	0.061	ng/ul#	88
16) Anthracene	17.441	178	1414	0.027	ng/ul#	63
19) Fluoranthene	19.364	202	10923	0.218	ng/ul	99
20) Pyrene	19.727	202	10058	0.187	ng/ul#	90
21) Benzo(a)anthracene	21.477	228	5648	0.141	ng/ul#	88
22) Chrysene	21.530	228	5554	0.122	ng/ul#	92
24) Benzo(b)fluoranthene	23.166	252	12016	0.235	ng/ul	76
25) Benzo(k)fluoranthene	23.204	252	2907m	0.058	ng/ul	
26) Benzo(a)pyrene	23.792	252	7137	0.155	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.387	276	6800	0.106	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.390	278	1557	0.031	ng/ul#	5
29) Benzo(g,h,i)perylene	27.162	276	7050	0.125	ng/ul#	87

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

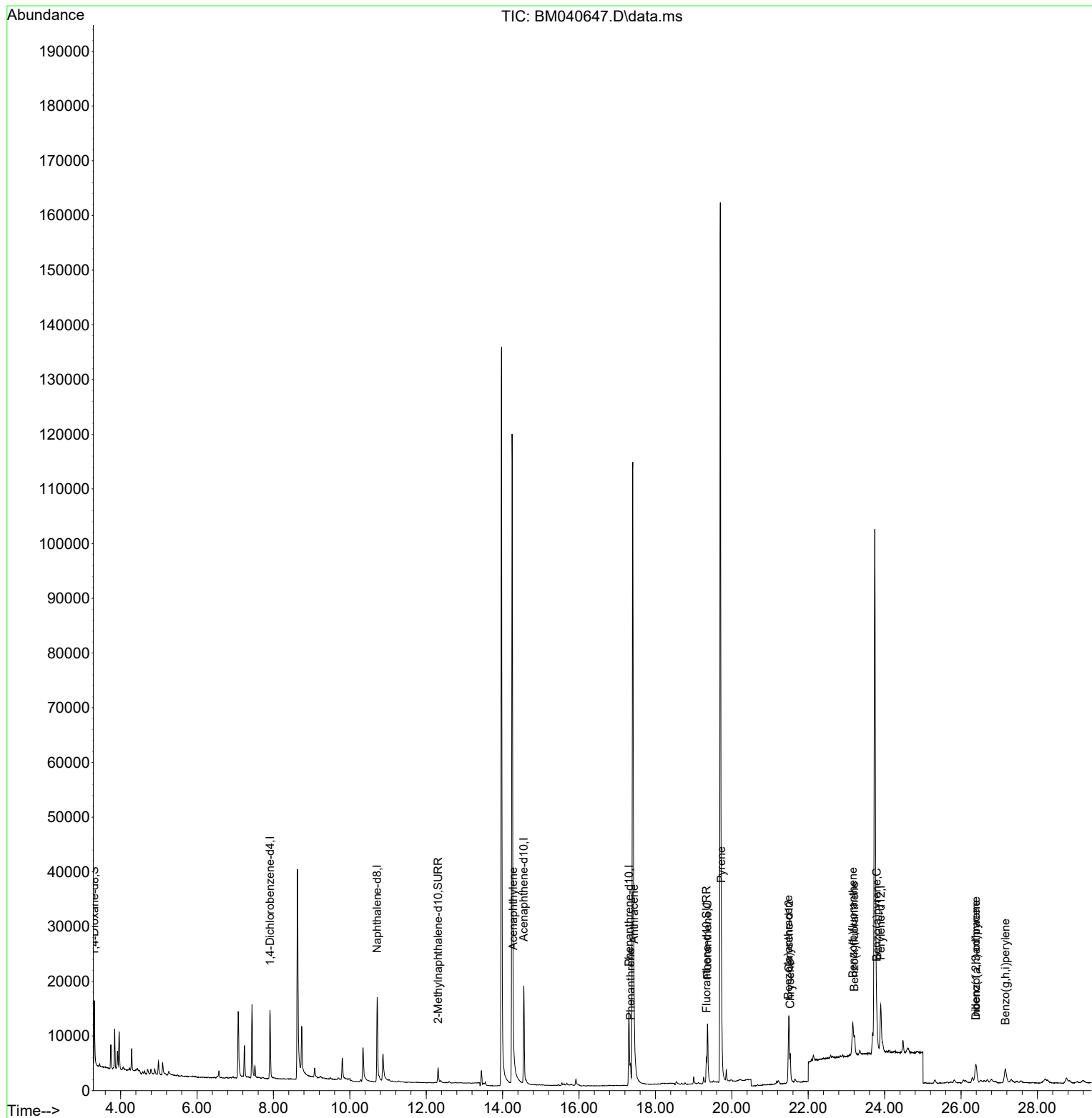
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040647.D
Acq On : 05 Jul 2023 18:59
Operator : MA/JU
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ALS Vial : 17 Sample Multiplier: 1

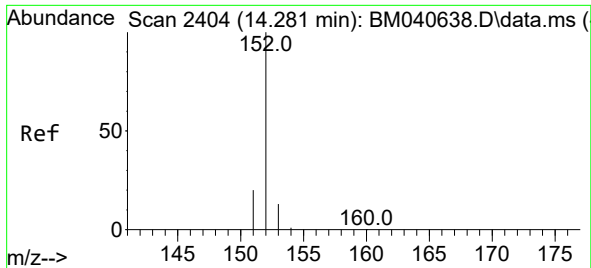
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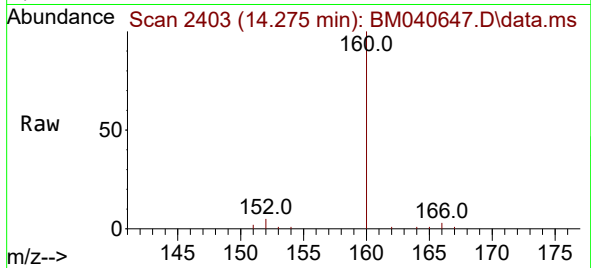
Quant Time: Jul 05 20:31:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.275 min Scan# 2403
Delta R.T. -0.005 min
Lab File: BM040647.D
Acq: 05 Jul 2023 18:59

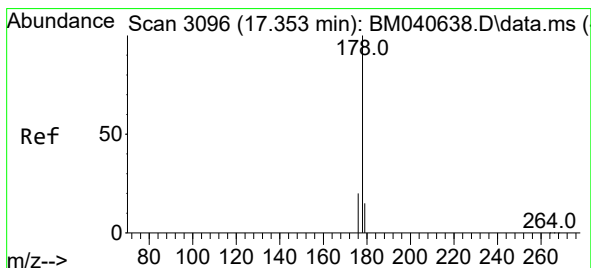
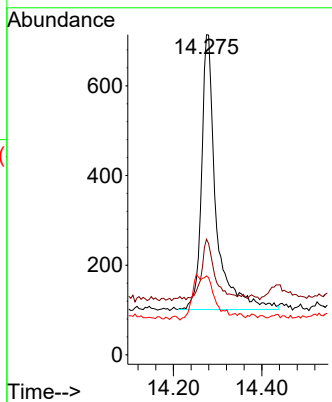
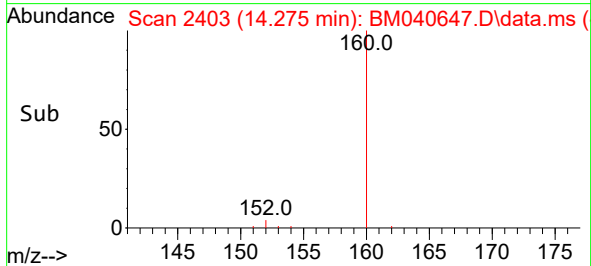
Instrument :
BNA_M
ClientSampleId :
DCGF9



Tgt Ion:152 Resp: 1398
Ion Ratio Lower Upper
152 100
151 36.1 16.2 24.2#
153 24.6 10.9 16.3#

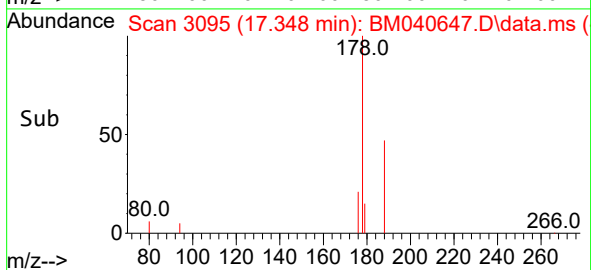
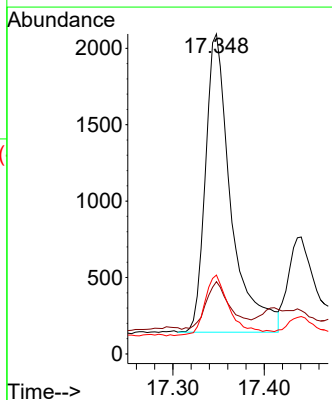
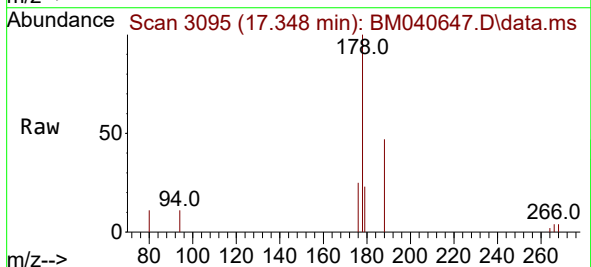
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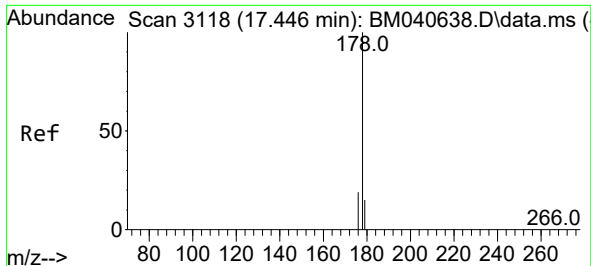
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#15
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.348 min Scan# 3095
Delta R.T. -0.004 min
Lab File: BM040647.D
Acq: 05 Jul 2023 18:59

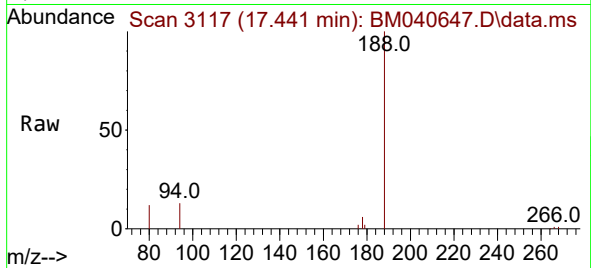
Tgt Ion:178 Resp: 3796
Ion Ratio Lower Upper
178 100
179 22.6 12.8 19.2#
176 24.6 16.4 24.6#





#16
 Anthracene
 Concen: 0.027 ng/ul
 RT: 17.441 min Scan# 3117
 Delta R.T. -0.004 min
 Lab File: BM040647.D
 Acq: 05 Jul 2023 18:59

Instrument :
 BNA_M
 ClientSampleId :
 DCGF9

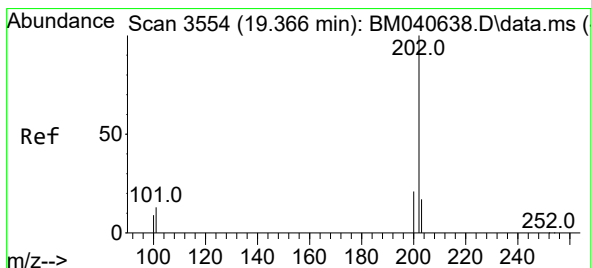
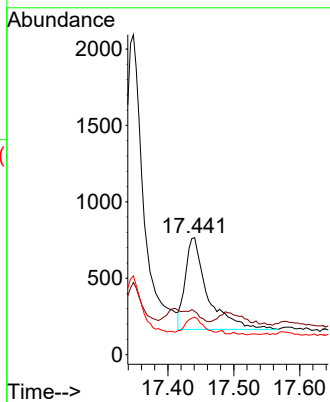
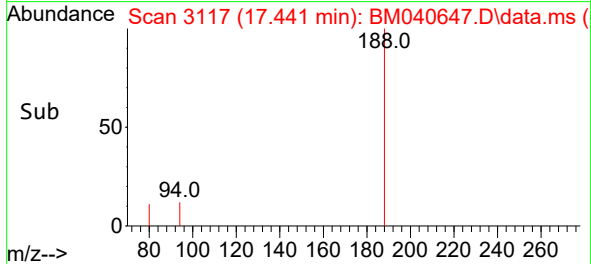


Tgt Ion:178 Resp: 1414

Ion	Ratio	Lower	Upper
178	100		
179	37.1	12.9	19.3
176	32.0	15.8	23.6

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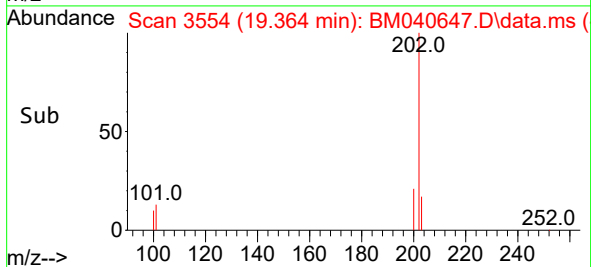
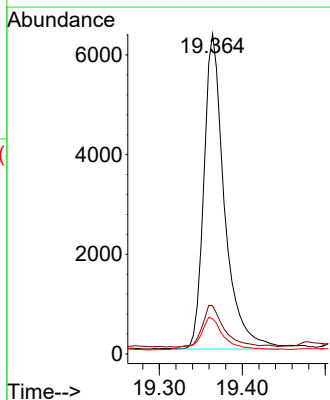
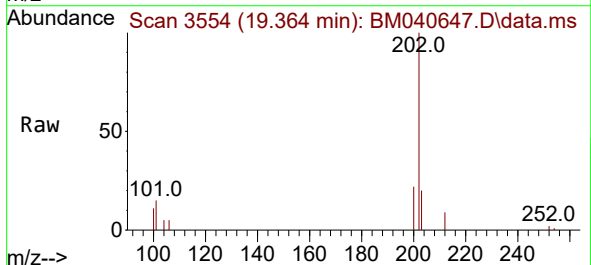
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

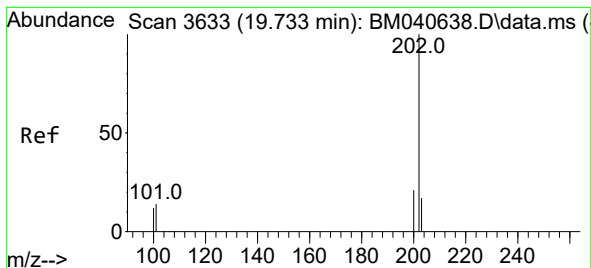


#19
 Fluoranthene
 Concen: 0.218 ng/ul
 RT: 19.364 min Scan# 3554
 Delta R.T. -0.005 min
 Lab File: BM040647.D
 Acq: 05 Jul 2023 18:59

Tgt Ion:202 Resp: 10923

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.4	17.0
100	11.0	8.7	13.1





#20

Pyrene

Concen: 0.187 ng/ul

RT: 19.727 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM040647.D

Acq: 05 Jul 2023 18:59

Instrument :

BNA_M

ClientSampleId :

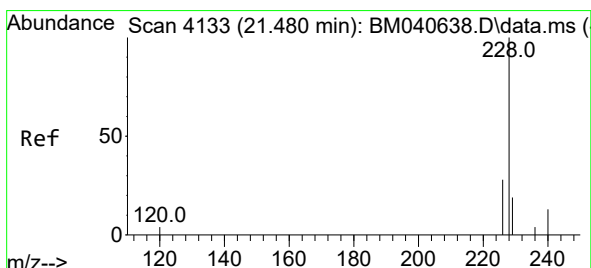
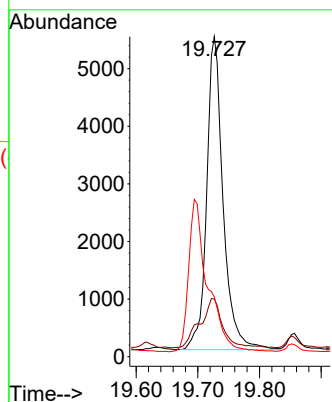
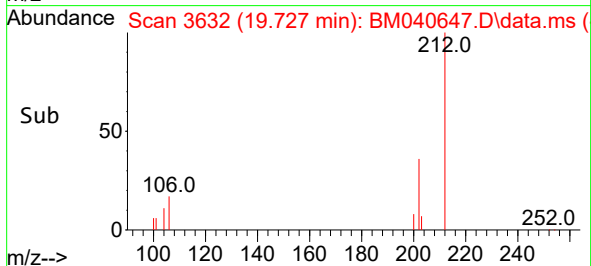
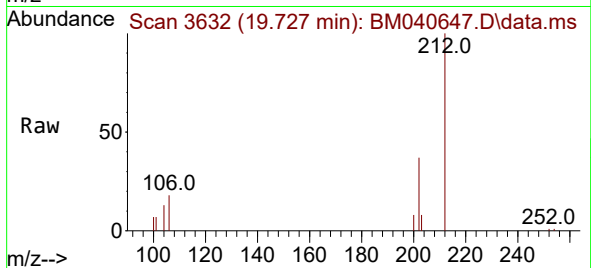
DCGF9

Tgt Ion:	202	Resp:	1005
Ion	Ratio	Lower	Upper
202	100		
101	18.1	12.6	18.8
100	18.7	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 0.141 ng/ul

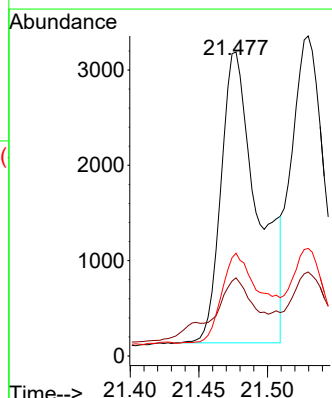
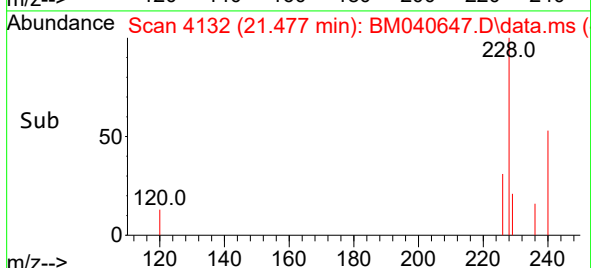
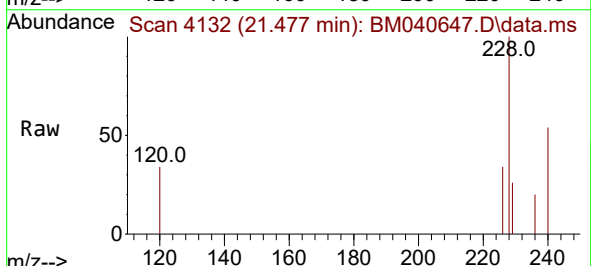
RT: 21.477 min Scan# 4132

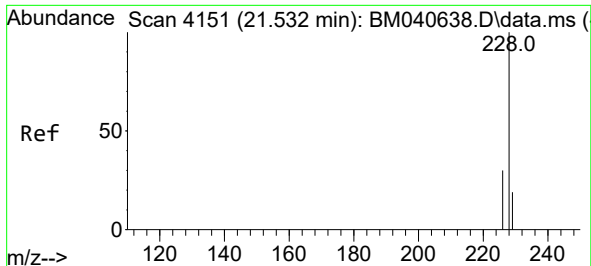
Delta R.T. -0.001 min

Lab File: BM040647.D

Acq: 05 Jul 2023 18:59

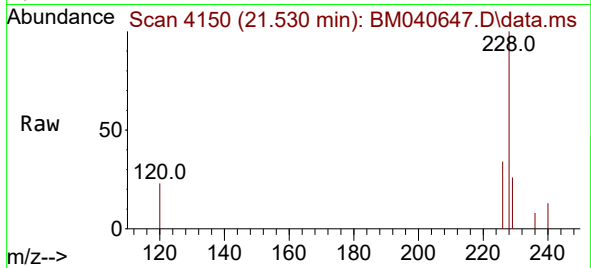
Tgt Ion:	228	Resp:	5648
Ion	Ratio	Lower	Upper
228	100		
229	25.7	16.0	24.0#
226	33.8	22.3	33.5#





#22
Chrysene
Concen: 0.122 ng/ul
RT: 21.530 min Scan# 4151
Delta R.T. -0.001 min
Lab File: BM040647.D
Acq: 05 Jul 2023 18:59

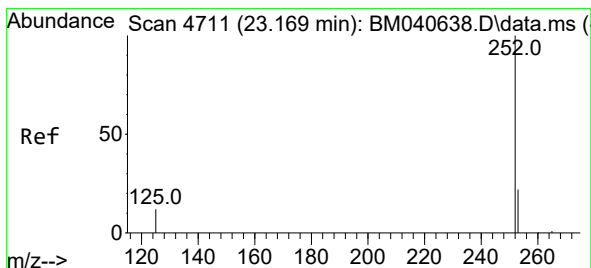
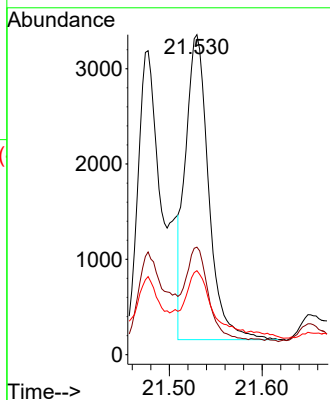
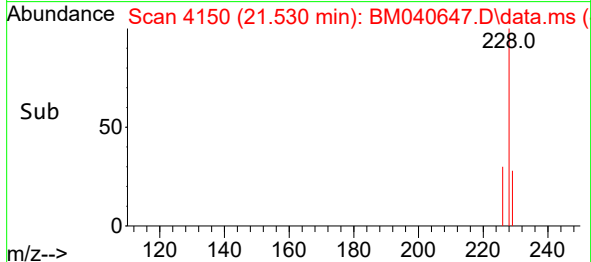
Instrument :
BNA_M
ClientSampleId :
DCGF9



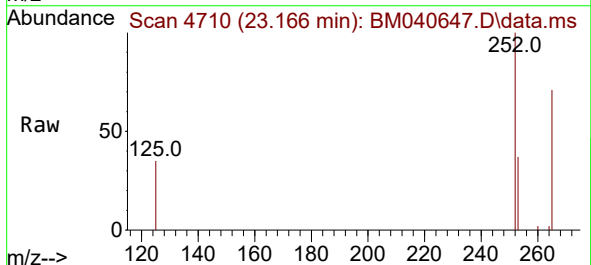
Tgt Ion:228 Resp: 5554
Ion Ratio Lower Upper
228 100
226 33.6 24.9 37.3
229 26.2 15.8 23.6

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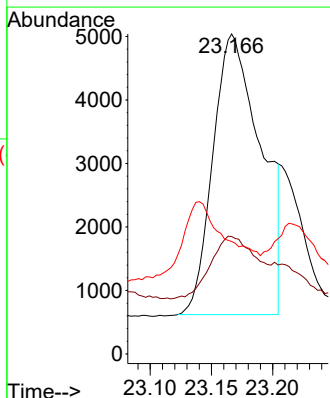
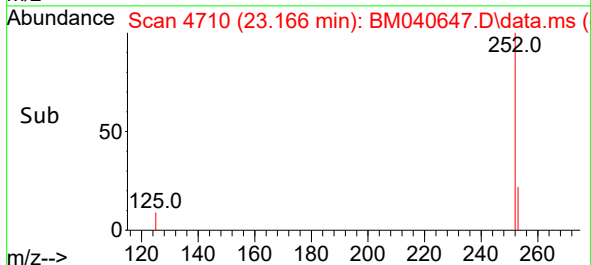
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

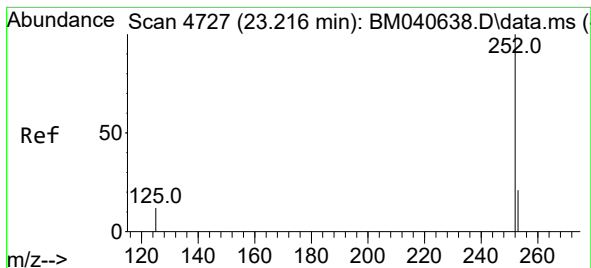


#24
Benzo(b)fluoranthene
Concen: 0.235 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.001 min
Lab File: BM040647.D
Acq: 05 Jul 2023 18:59



Tgt Ion:252 Resp: 12016
Ion Ratio Lower Upper
252 100
253 36.7 0.0 52.8
125 35.2 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 0.058 ng/ul m

RT: 23.204 min Scan# 4

Delta R.T. -0.007 min

Lab File: BM040647.D

Acq: 05 Jul 2023 18:59

Instrument :

BNA_M

ClientSampleId :

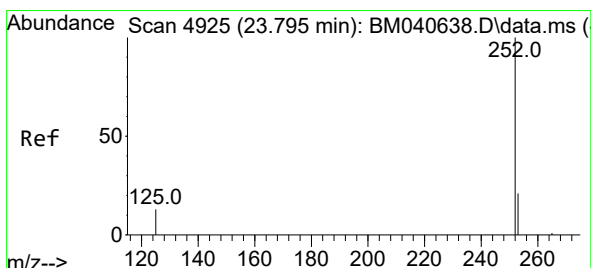
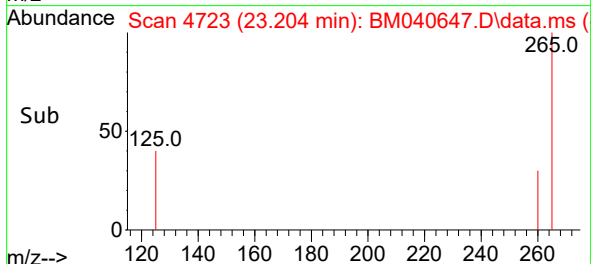
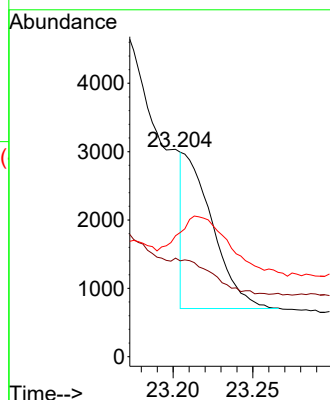
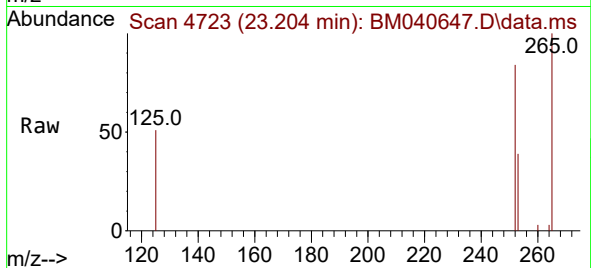
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Tgt Ion:	252	Resp:	290
Ion Ratio	Lower	Upper	
252	100		
253	46.8	21.2	31.8
125	60.7	16.4	24.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/05/2023



#26

Benzo(a)pyrene

Concen: 0.155 ng/ul

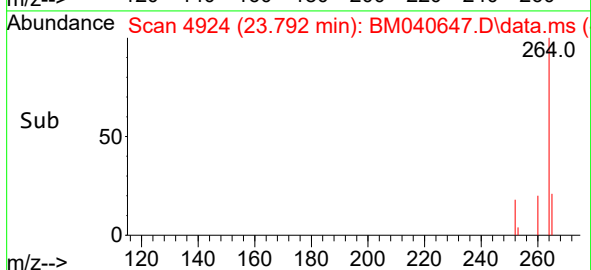
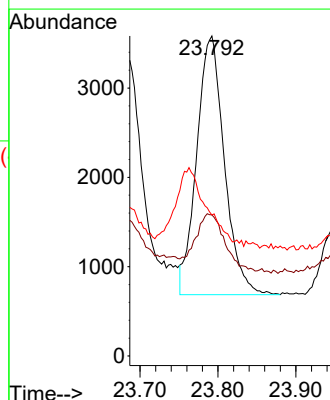
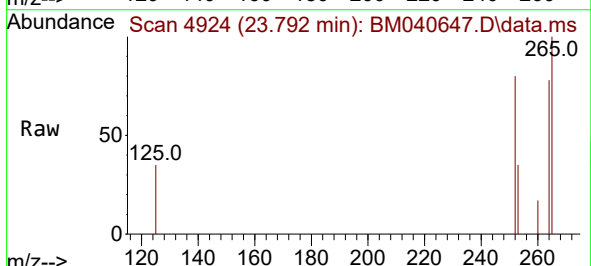
RT: 23.792 min Scan# 4924

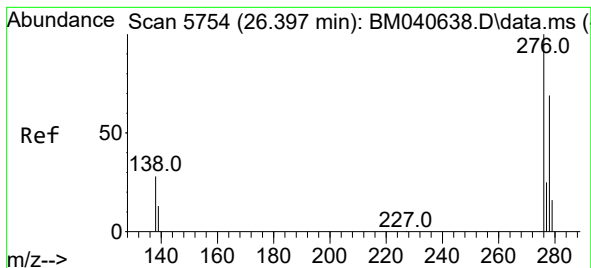
Delta R.T. -0.001 min

Lab File: BM040647.D

Acq: 05 Jul 2023 18:59

Tgt Ion:	252	Resp:	7137
Ion Ratio	Lower	Upper	
252	100		
253	44.1	22.9	34.3
125	44.1	21.0	31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.106 ng/ul

RT: 26.387 min Scan# 5751

Delta R.T. -0.002 min

Lab File: BM040647.D

Acq: 05 Jul 2023 18:59

Instrument :

BNA_M

ClientSampleId :

DCGF9

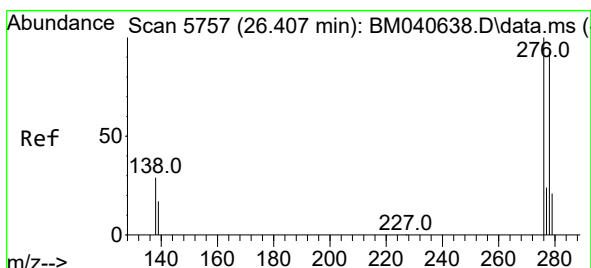
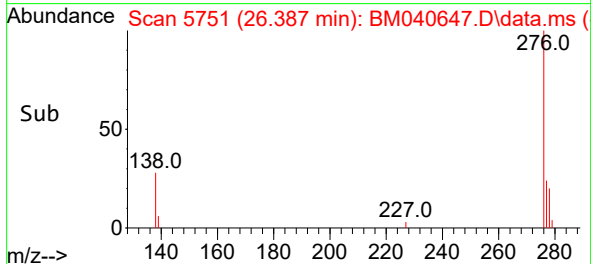
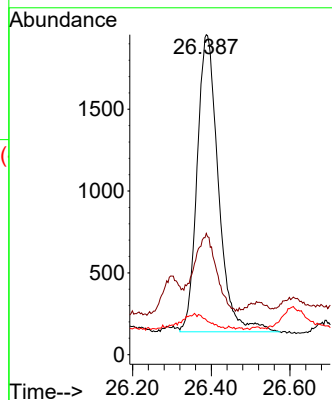
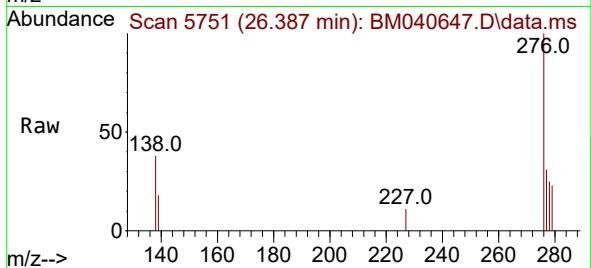
Tgt Ion:276 Resp: 6800
 Ion Ratio Lower Upper
 276 100
 138 25.3 24.5 36.7
 227 0.0 0.1 0.1

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Supervised By :Sohil Jodhani 07/05/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.031 ng/ul

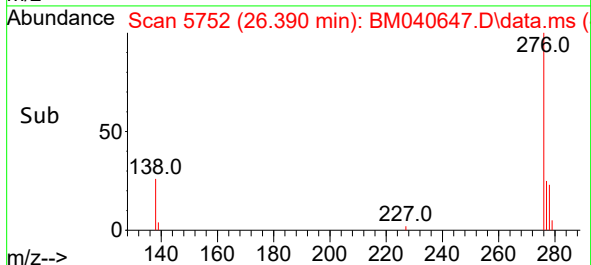
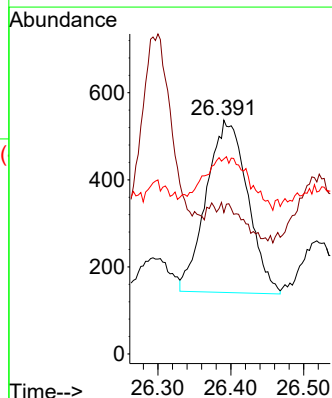
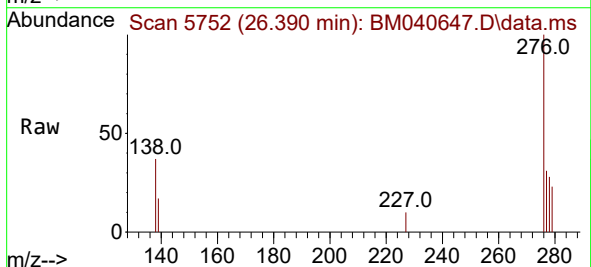
RT: 26.390 min Scan# 5752

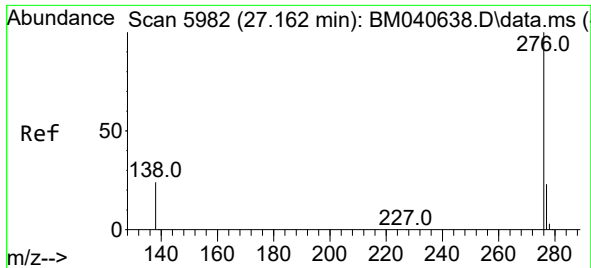
Delta R.T. -0.018 min

Lab File: BM040647.D

Acq: 05 Jul 2023 18:59

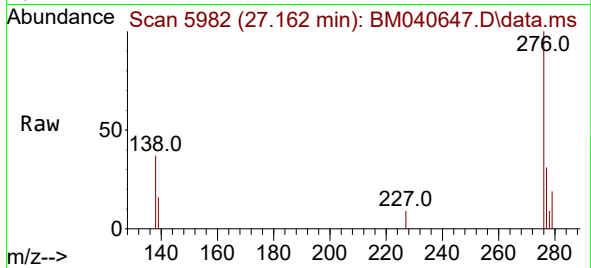
Tgt Ion:278 Resp: 1557
 Ion Ratio Lower Upper
 278 100
 139 60.5 17.9 26.9#
 279 83.4 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.125 ng/ul
RT: 27.162 min Scan# 5982
Delta R.T. -0.002 min
Lab File: BM040647.D
Acq: 05 Jul 2023 18:59

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 7050
Ion Ratio Lower Upper
276 100
138 36.8 23.0 34.6
277 31.1 20.3 30.5

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