

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040645.D
 Acq On : 05 Jul 2023 17:43
 Operator : MA/JU
 Sample : 03245-22DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGJ0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 20:31:41 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	6380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.717	136	23437	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.559	164	11002	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	20456	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	12444	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	13318	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	2535	0.253	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	600	0.018	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	834	0.021	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	1343	0.021	ng/ul#	71
10) Acenaphthylene	14.276	152	2487	0.051	ng/ul#	83
15) Phenanthrene	17.349	178	3646	0.057	ng/ul#	88
16) Anthracene	17.442	178	1829	0.034	ng/ul#	69
19) Fluoranthene	19.366	202	14583	0.276	ng/ul	99
20) Pyrene	19.728	202	14271	0.252	ng/ul	96
21) Benzo(a)anthracene	21.477	228	8704	0.207	ng/ul#	92
22) Chrysene	21.529	228	7527	0.157	ng/ul#	94
24) Benzo(b)fluoranthene	23.169	252	16594	0.322	ng/ul	85
25) Benzo(k)fluoranthene	23.201	252	5411m	0.107	ng/ul	
26) Benzo(a)pyrene	23.789	252	9812	0.211	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.390	276	9021	0.140	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.397	278	2046	0.040	ng/ul#	29
29) Benzo(g,h,i)perylene	27.158	276	8015	0.141	ng/ul#	88

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

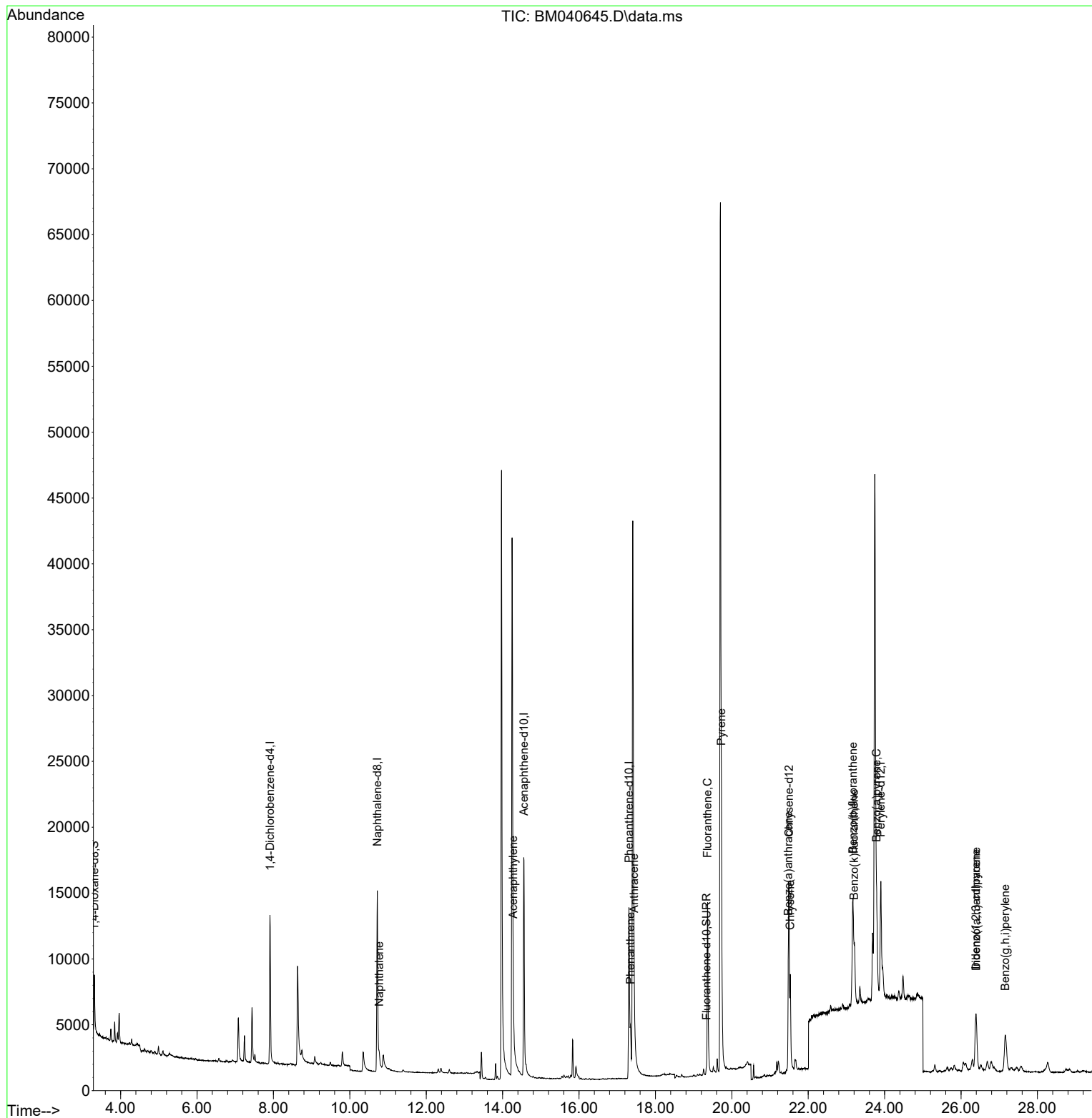
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040645.D
Acq On : 05 Jul 2023 17:43
Operator : MA/JU
Sample : 03245-22DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

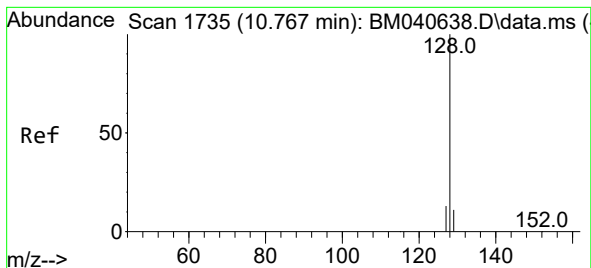
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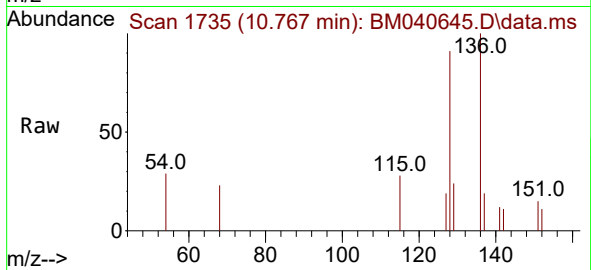
Quant Time: Jul 05 20:31:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.767 min Scan# 11
Delta R.T. 0.001 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43

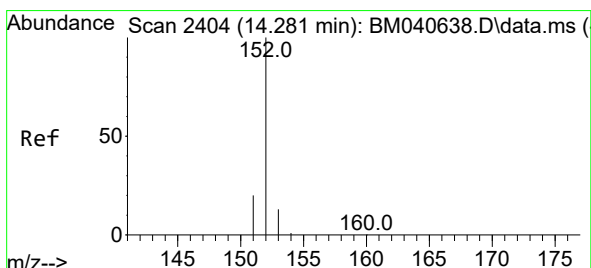
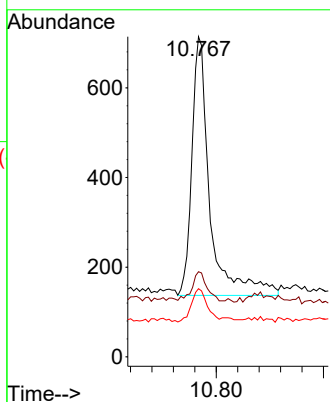
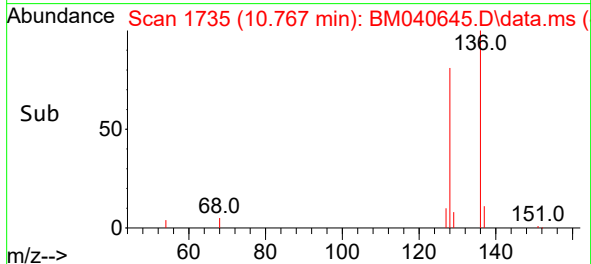
Instrument :
BNA_M
ClientSampleId :
DCGJ0DL



Tgt Ion:128 Resp: 134
Ion Ratio Lower Upper
128 100
129 26.6 9.2 13.8
127 21.3 10.6 15.8

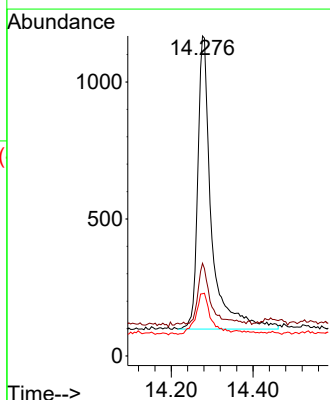
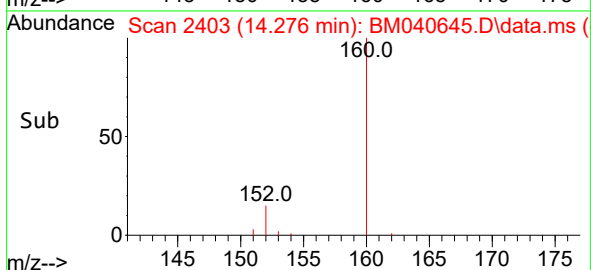
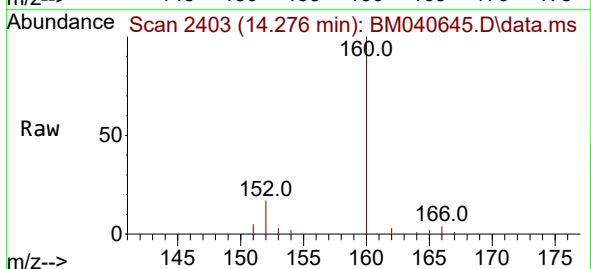
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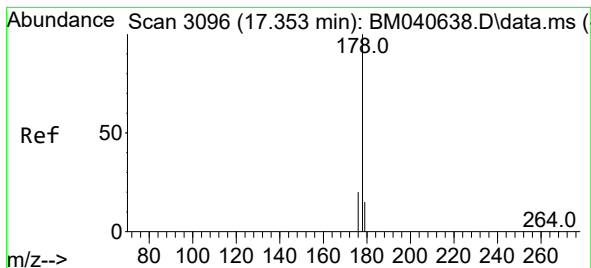
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Acenaphthylene
Concen: 0.051 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43

Tgt Ion:152 Resp: 2487
Ion Ratio Lower Upper
152 100
151 28.9 16.2 24.2#
153 19.4 10.9 16.3#





#15

Phenanthrene

Concen: 0.057 ng/ul

RT: 17.349 min Scan# 3095

Delta R.T. -0.003 min

Lab File: BM040645.D

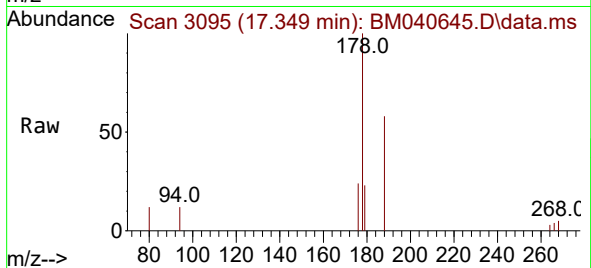
Acq: 05 Jul 2023 17:43

Instrument :

BNA_M

ClientSampleId :

DCGJ0DL



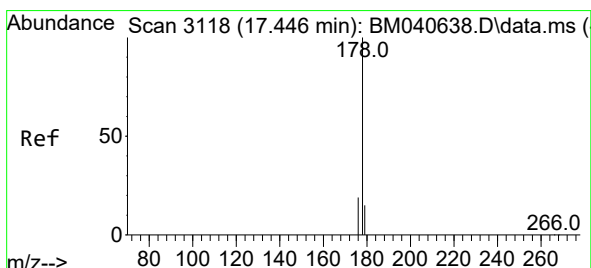
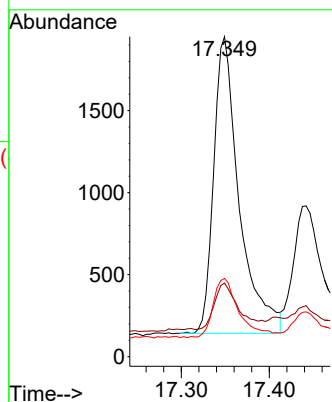
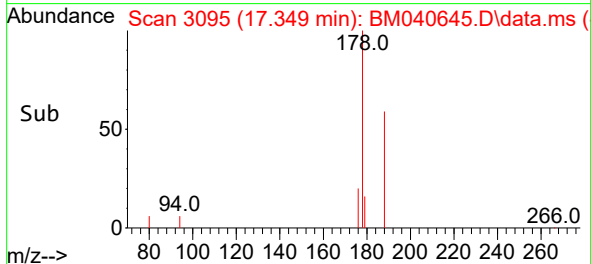
Tgt Ion:178 Resp: 3640

Ion	Ratio	Lower	Upper
178	100		
179	23.0	12.8	19.2
176	24.4	16.4	24.6

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#16

Anthracene

Concen: 0.034 ng/ul

RT: 17.442 min Scan# 3117

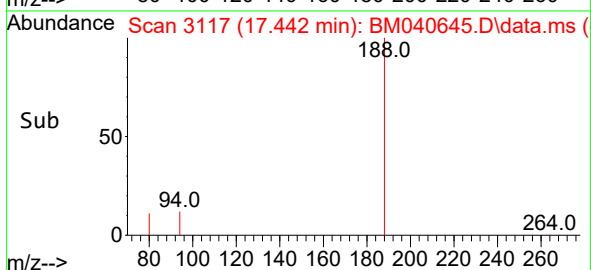
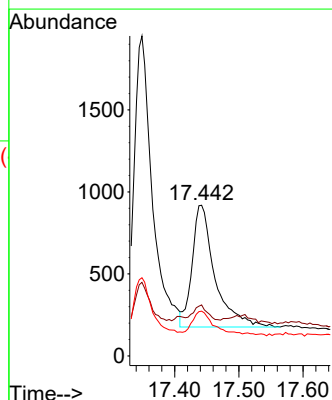
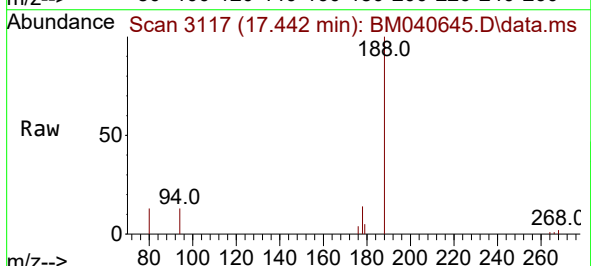
Delta R.T. -0.003 min

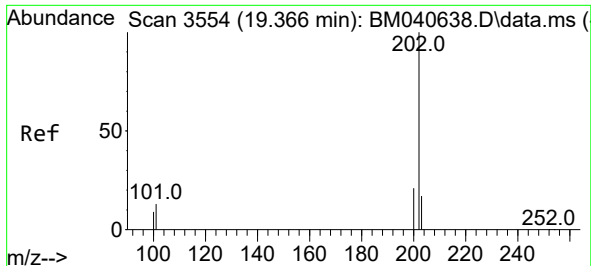
Lab File: BM040645.D

Acq: 05 Jul 2023 17:43

Tgt Ion:178 Resp: 1829

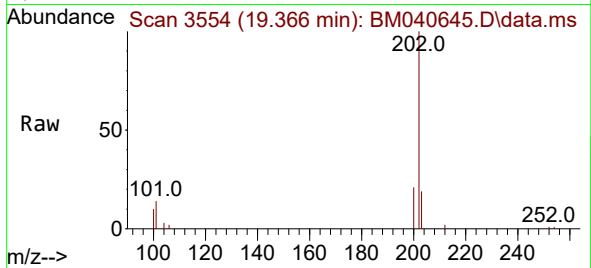
Ion	Ratio	Lower	Upper
178	100		
179	33.8	12.9	19.3
176	29.7	15.8	23.6





#19
Fluoranthene
Concen: 0.276 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.003 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43

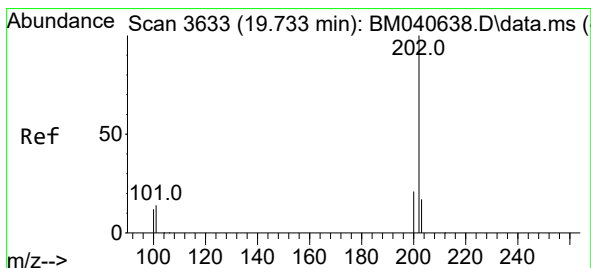
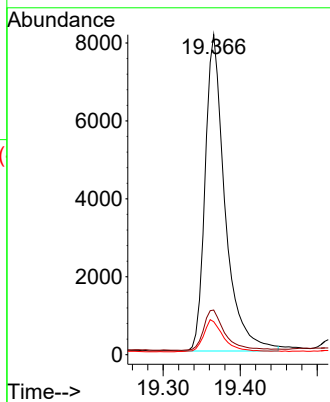
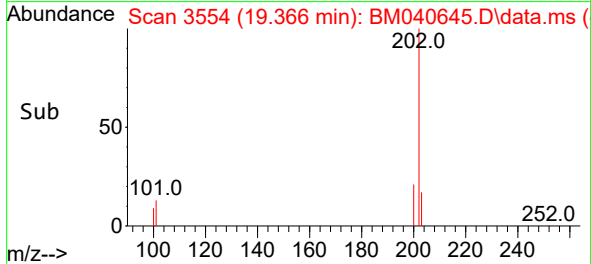
Instrument :
BNA_M
ClientSampleId :
DCGJ0DL



Tgt Ion:202 Resp: 1458
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 10.3 8.7 13.1

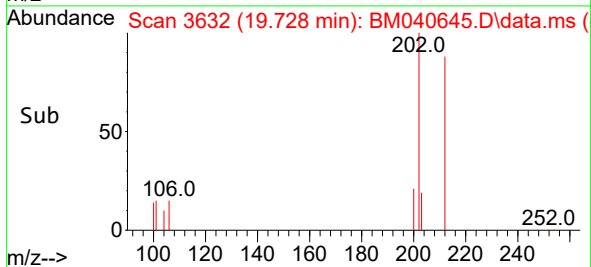
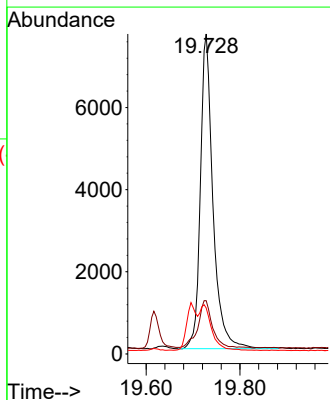
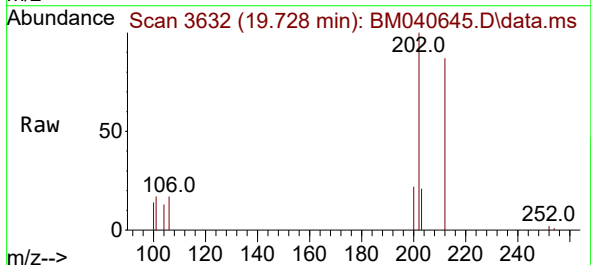
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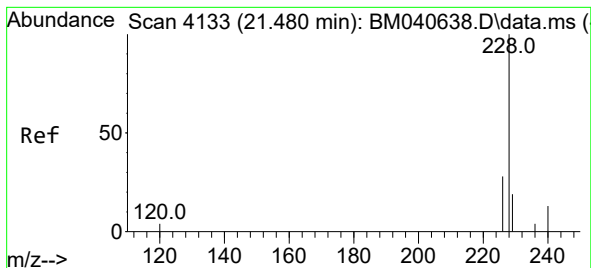
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#20
Pyrene
Concen: 0.252 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43

Tgt Ion:202 Resp: 14271
Ion Ratio Lower Upper
202 100
101 16.7 12.6 18.8
100 14.4 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.207 ng/ul

RT: 21.477 min Scan# 41

Delta R.T. -0.002 min

Lab File: BM040645.D

Acq: 05 Jul 2023 17:43

Instrument :

BNA_M

ClientSampleId :

DCGJ0DL

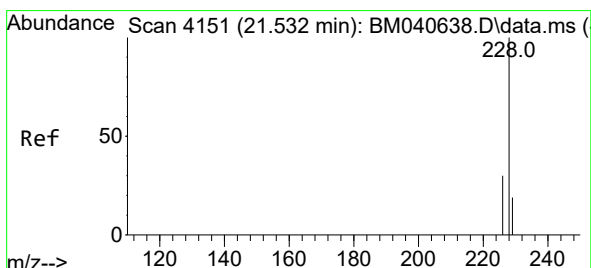
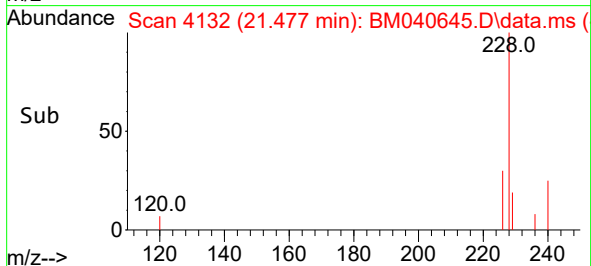
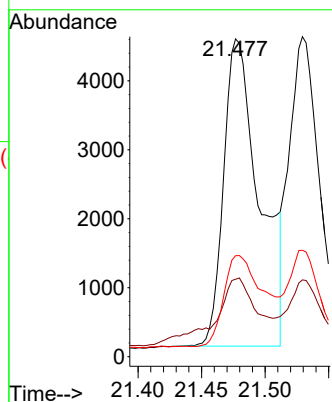
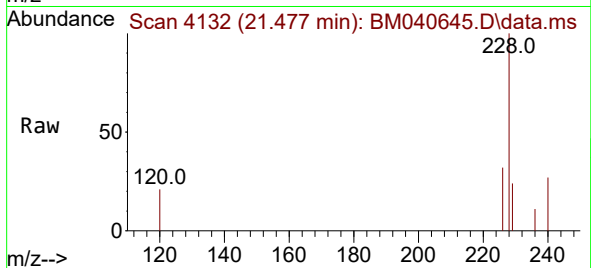
Tgt Ion:228 Resp: 8704

Ion	Ratio	Lower	Upper
228	100		
229	24.4	16.0	24.0
226	31.8	22.3	33.5

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Supervised By :Sohil Jodhani 07/05/2023



#22

Chrysene

Concen: 0.157 ng/ul

RT: 21.529 min Scan# 4150

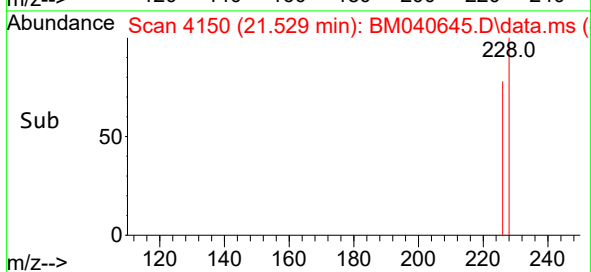
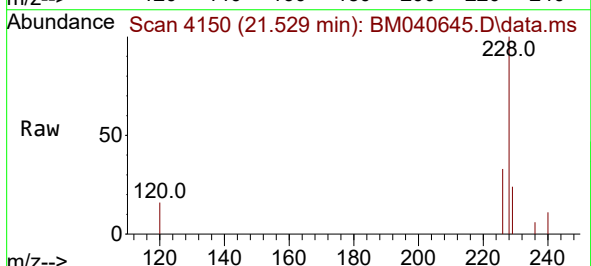
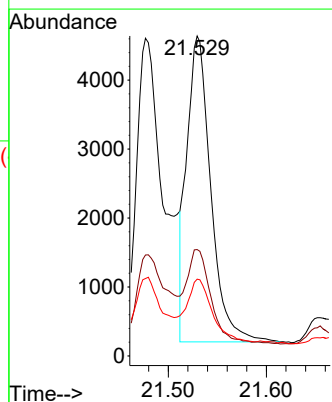
Delta R.T. -0.002 min

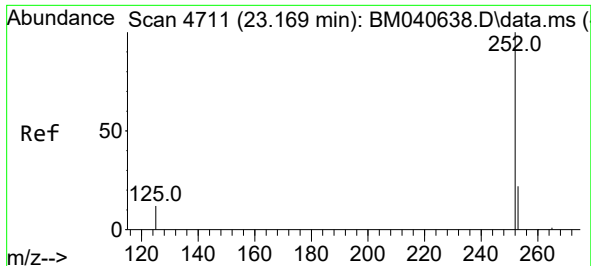
Lab File: BM040645.D

Acq: 05 Jul 2023 17:43

Tgt Ion:228 Resp: 7527

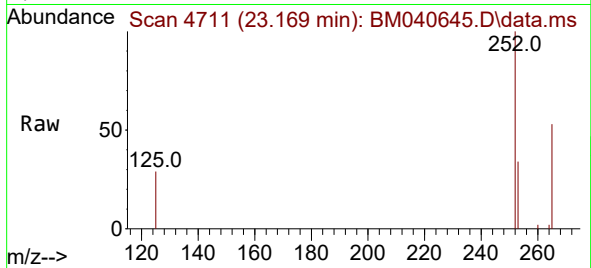
Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	24.0	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. 0.001 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43

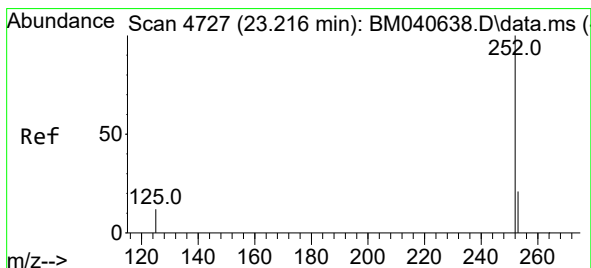
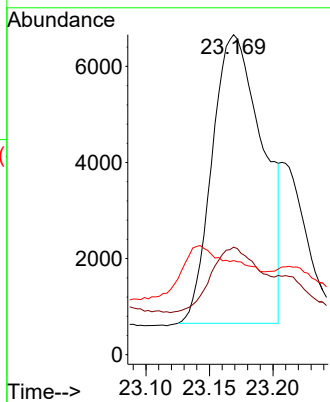
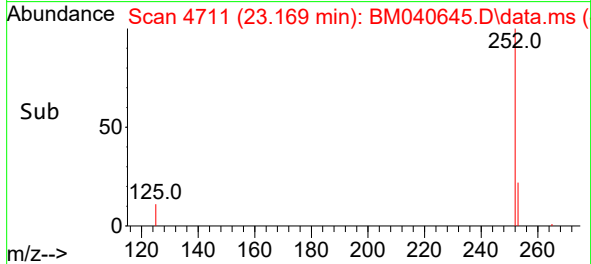
Instrument :
BNA_M
ClientSampleId :
DCGJ0DL



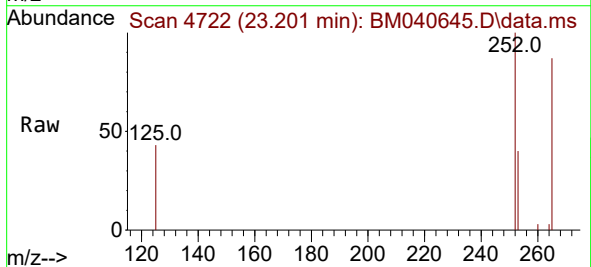
Tgt Ion:252 Resp: 16594
Ion Ratio Lower Upper
252 100
253 33.6 0.0 52.8
125 29.4 0.0 43.0

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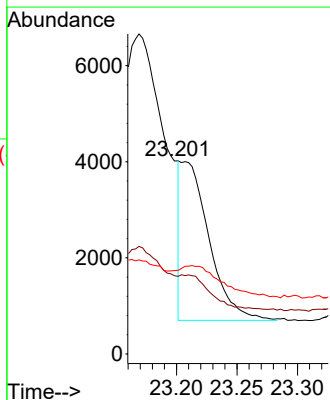
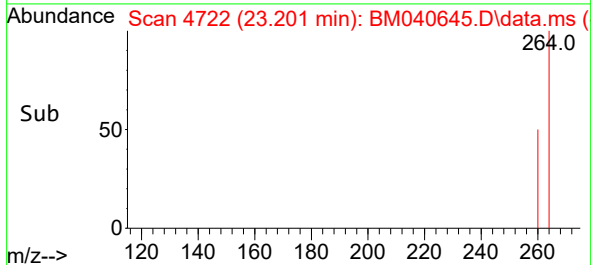
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

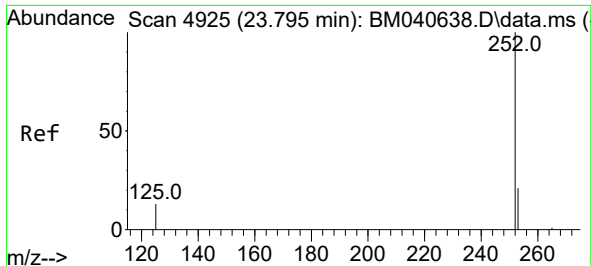


#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 23.201 min Scan# 4722
Delta R.T. -0.010 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43



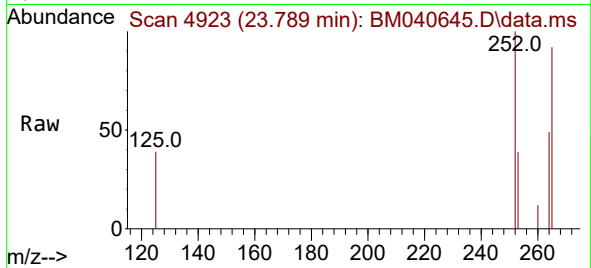
Tgt Ion:252 Resp: 5411
Ion Ratio Lower Upper
252 100
253 40.1 21.2 31.8#
125 43.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.211 ng/ul
RT: 23.789 min Scan# 4925
Delta R.T. -0.005 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43

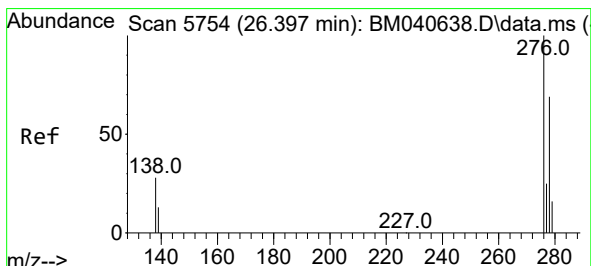
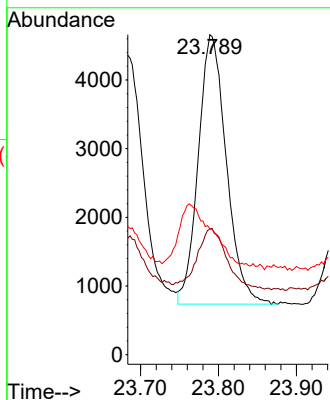
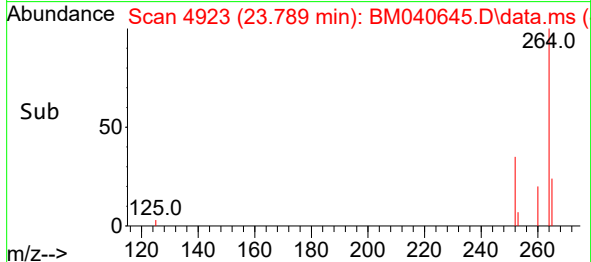
Instrument :
BNA_M
ClientSampleId :
DCGJ0DL



Tgt Ion:252 Resp: 9812
Ion Ratio Lower Upper
252 100
253 39.3 22.9 34.3#
125 39.4 21.0 31.4#

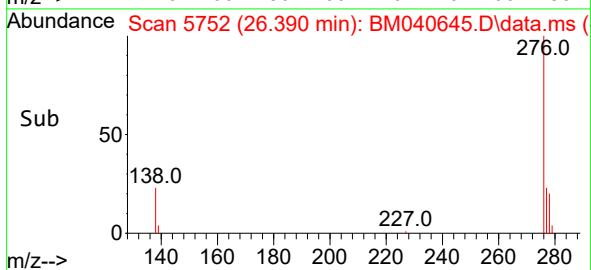
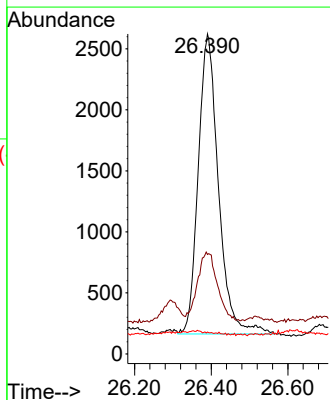
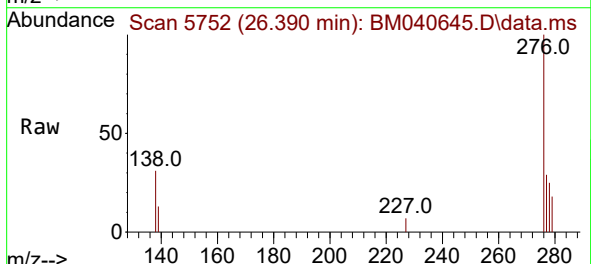
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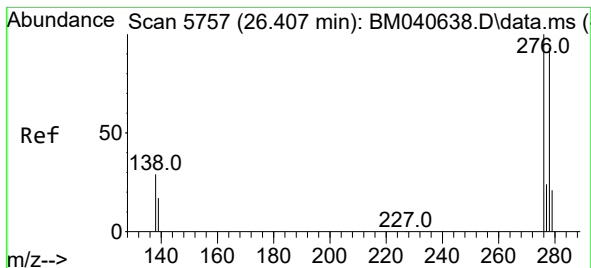
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. 0.001 min
Lab File: BM040645.D
Acq: 05 Jul 2023 17:43

Tgt Ion:276 Resp: 9021
Ion Ratio Lower Upper
276 100
138 23.5 24.5 36.7#
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

RT: 26.397 min Scan# 51

Delta R.T. -0.012 min

Lab File: BM040645.D

Acq: 05 Jul 2023 17:43

Instrument :

BNA_M

ClientSampleId :

DCGJ0DL

Tgt Ion:278 Resp: 2040

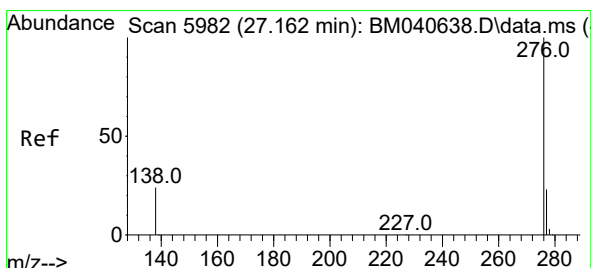
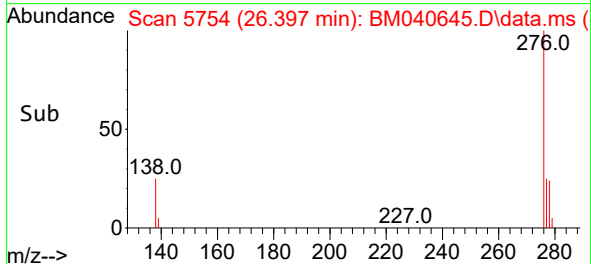
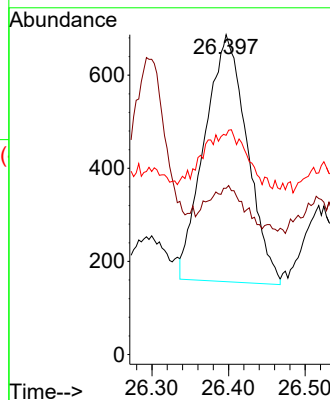
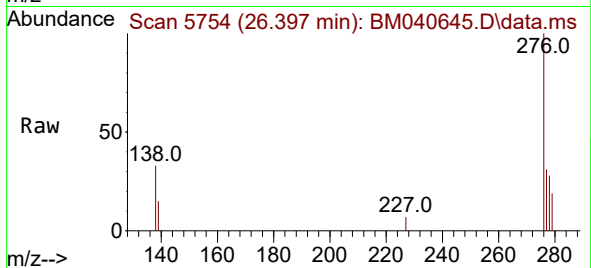
Ion	Ratio	Lower	Upper
278	100		
139	52.0	17.9	26.9
279	68.6	22.0	33.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Sohil Jodhani 07/05/2023



#29

Benzo(g,h,i)perylene

Concen: 0.141 ng/ul

RT: 27.158 min Scan# 5981

Delta R.T. -0.005 min

Lab File: BM040645.D

Acq: 05 Jul 2023 17:43

Tgt Ion:276 Resp: 8015

Ion	Ratio	Lower	Upper
276	100		
138	35.9	23.0	34.6
277	30.9	20.3	30.5

