

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040486.D
 Acq On : 01 Jul 2023 00:04
 Operator : MA/JU
 Sample : 03161-09DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:05:42 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 : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	10587	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	39100	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	18657	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	33809	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	19108	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	20256	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	6485	0.390	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1612	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2200	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	3985	0.037	ng/ul#	88
7) 2-Methylnaphthalene	12.411	142	1758	0.028	ng/ul	97
10) Acenaphthylene	14.304	152	5384	0.065	ng/ul#	92
15) Phenanthrene	17.370	178	15155	0.144	ng/ul	98
16) Anthracene	17.463	178	5552	0.063	ng/ul#	90
19) Fluoranthene	19.384	202	37942	0.467	ng/ul	97
20) Pyrene	19.747	202	31861	0.366	ng/ul	99
21) Benzo(a)anthracene	21.491	228	21425	0.331	ng/ul	92
22) Chrysene	21.544	228	29656	0.402	ng/ul	95
24) Benzo(b)fluoranthene	23.184	252	48907	0.624	ng/ul	98
25) Benzo(k)fluoranthene	23.227	252	15609m	0.202	ng/ul	
26) Benzo(a)pyrene	23.809	252	28522	0.404	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.424	276	26079	0.265	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.437	278	6603	0.086	ng/ul#	56
29) Benzo(g,h,i)perylene	27.202	276	23015	0.267	ng/ul	97

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

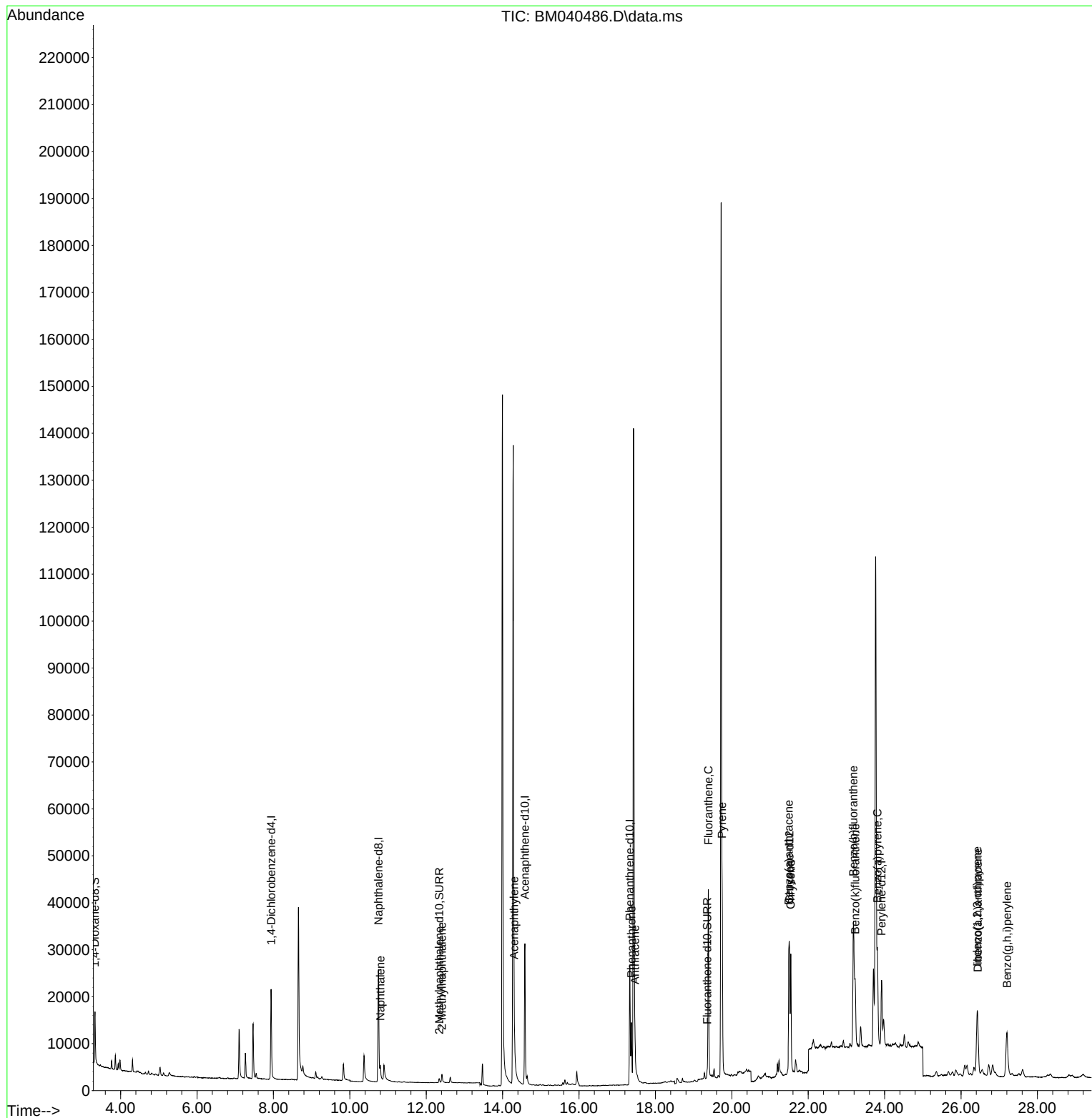
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040486.D
Acq On : 01 Jul 2023 00:04
Operator : MA/JU
Sample : 03161-09DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

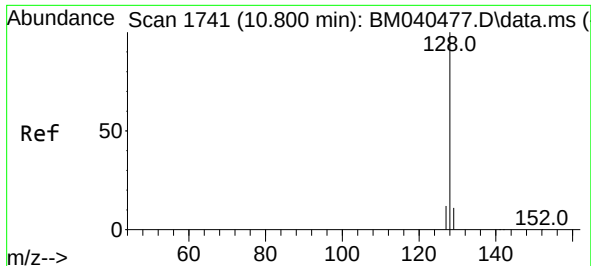
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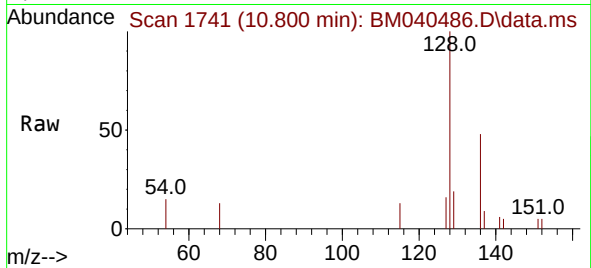
Quant Time: Jul 01 03:05:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.800 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

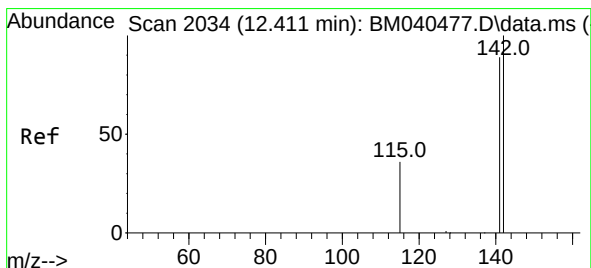
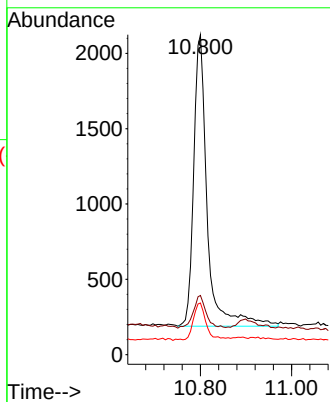
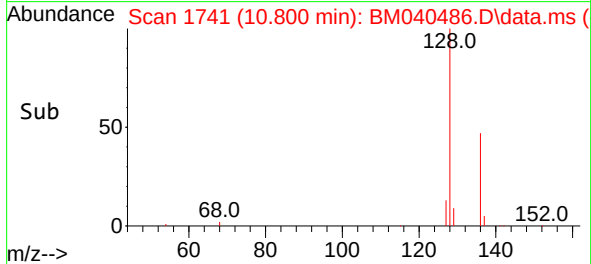
Instrument :
BNA_M
ClientSampleId :
DCF5DL



Tgt Ion:128 Resp: 3985
Ion Ratio Lower Upper
128 100
129 18.5 9.2 13.8
127 16.1 10.6 15.8

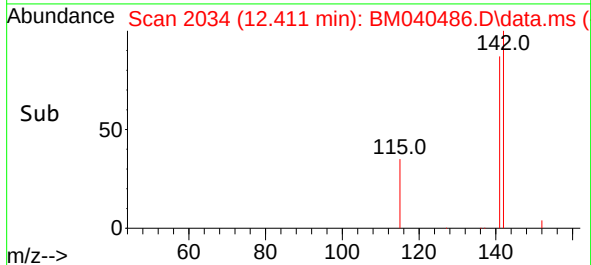
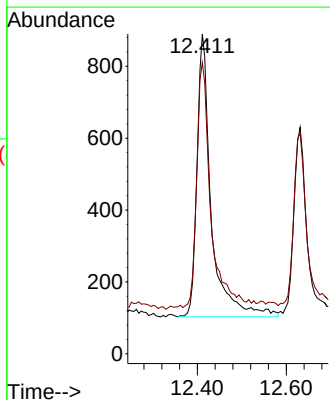
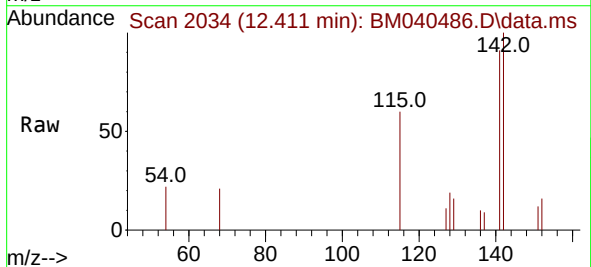
Manual Integrations
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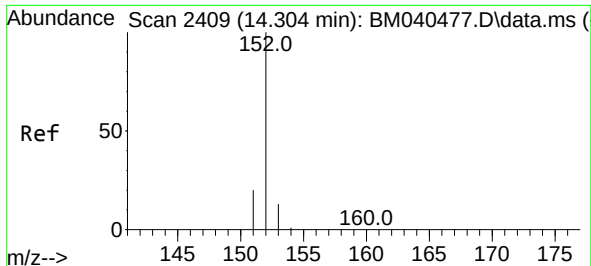
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

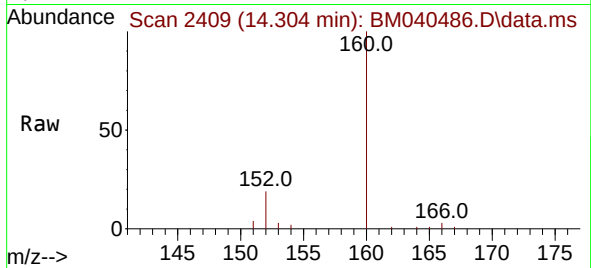
Tgt Ion:142 Resp: 1758
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. 0.005 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

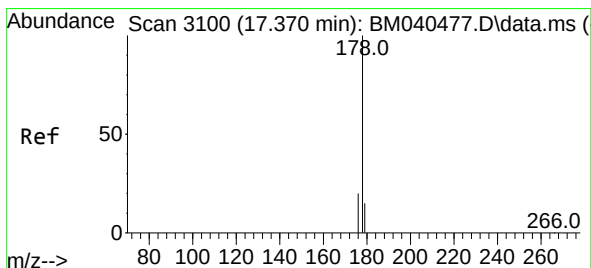
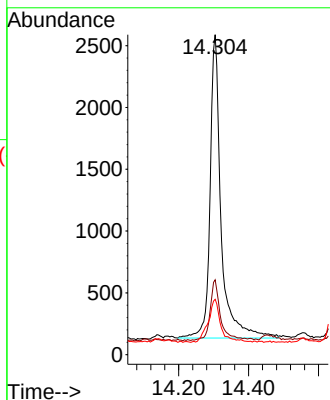
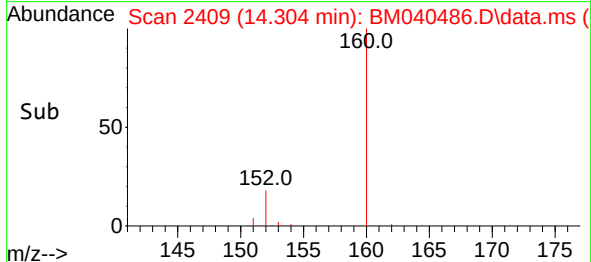
Instrument :
BNA_M
ClientSampleId :
DCFV5DL



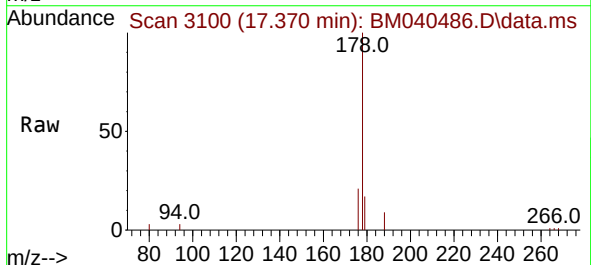
Tgt Ion:152 Resp: 5384
Ion Ratio Lower Upper
152 100
151 23.4 16.2 24.2
153 17.3 10.9 16.3

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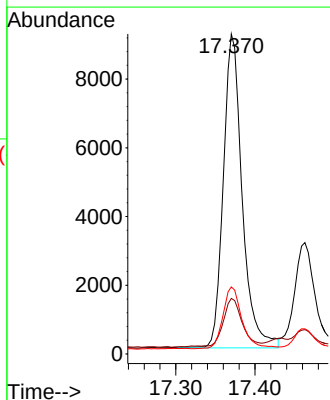
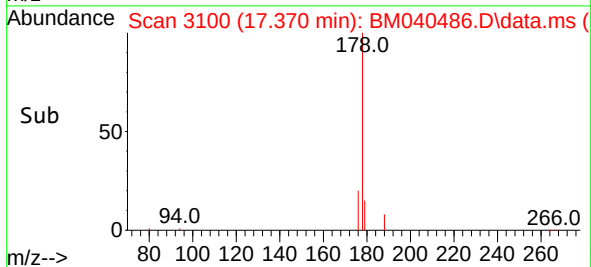
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

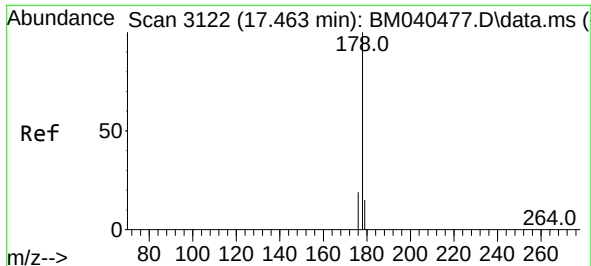


#15
Phenanthrene
Concen: 0.144 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04



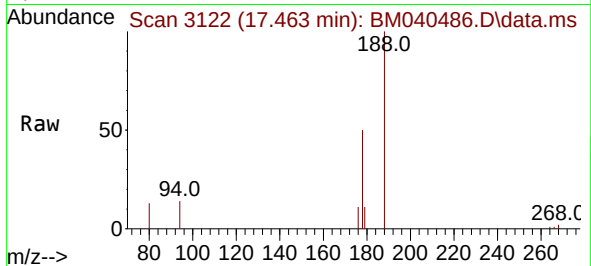
Tgt Ion:178 Resp: 15155
Ion Ratio Lower Upper
178 100
179 17.4 12.8 19.2
176 20.9 16.4 24.6





#16
 Anthracene
 Concen: 0.063 ng/ul
 RT: 17.463 min Scan# 3122
 Delta R.T. 0.000 min
 Lab File: BM040486.D
 Acq: 01 Jul 2023 00:04

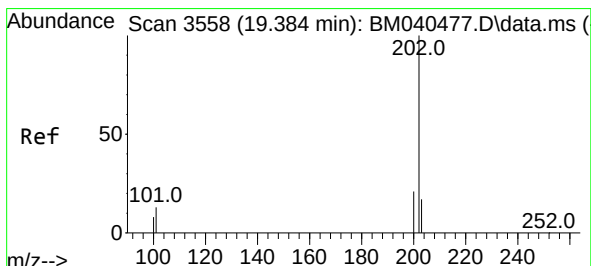
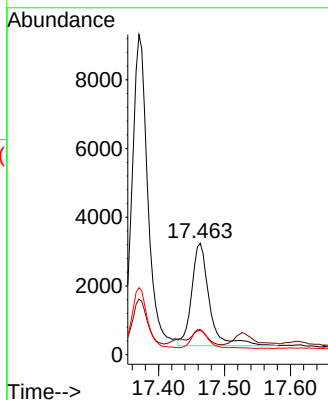
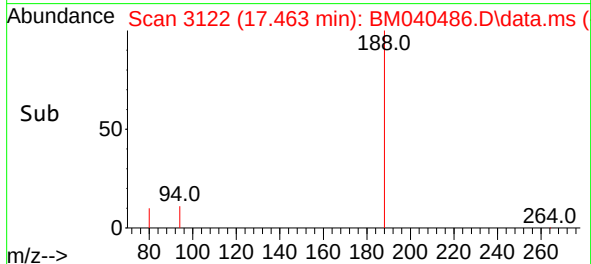
Instrument :
 BNA_M
 ClientSampleId :
 DCFW5DL



Tgt Ion:178 Resp: 5552
 Ion Ratio Lower Upper
 178 100
 179 21.8 12.9 19.3
 176 22.6 15.8 23.6

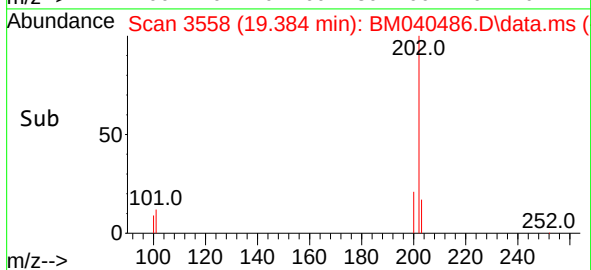
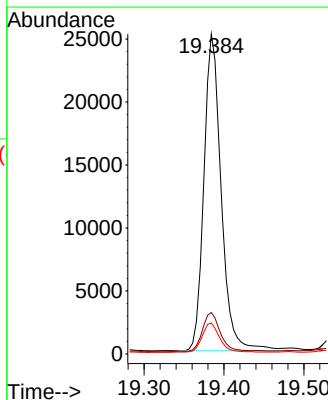
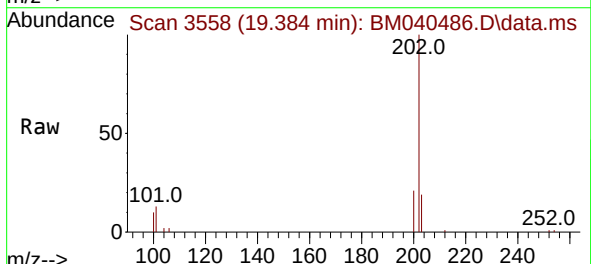
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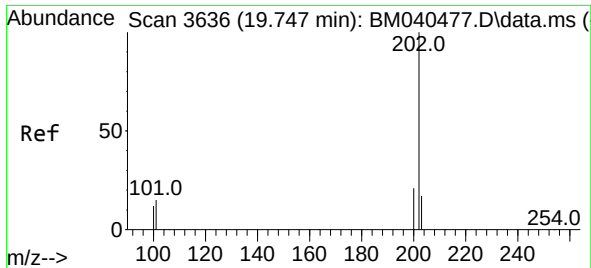
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#19
 Fluoranthene
 Concen: 0.467 ng/ul
 RT: 19.384 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BM040486.D
 Acq: 01 Jul 2023 00:04

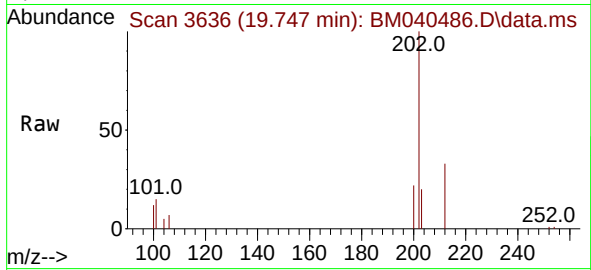
Tgt Ion:202 Resp: 37942
 Ion Ratio Lower Upper
 202 100
 101 13.0 11.4 17.0
 100 9.7 8.7 13.1





#20
Pyrene
Concen: 0.366 ng/u1
RT: 19.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

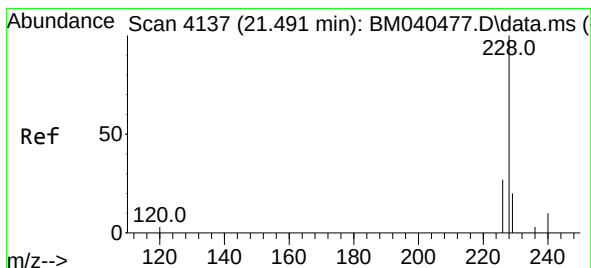
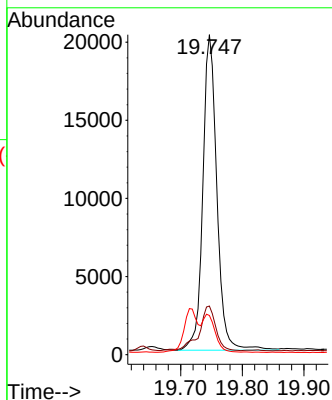
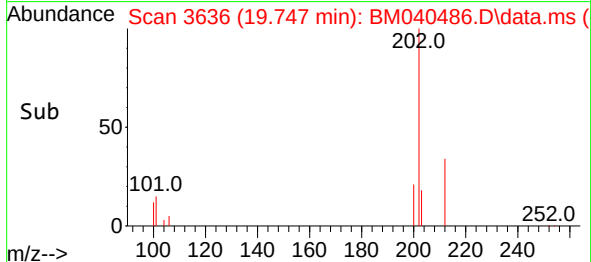
Instrument :
BNA_M
ClientSampleId :
DCFV5DL



Tgt Ion:202 Resp: 3186
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 12.3 9.8 14.6

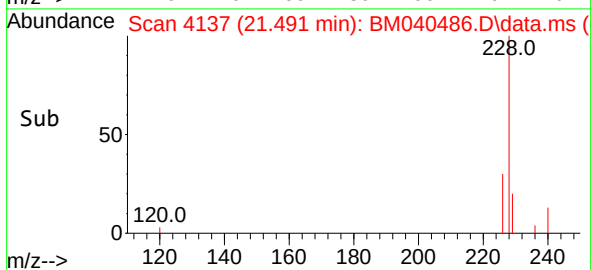
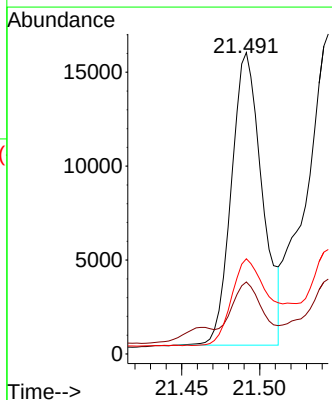
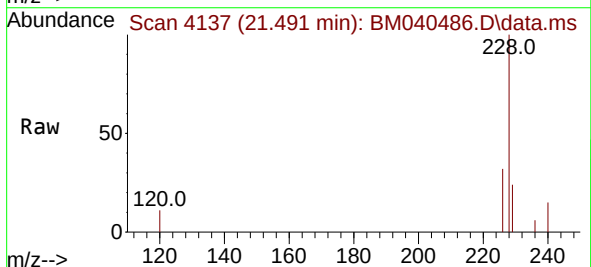
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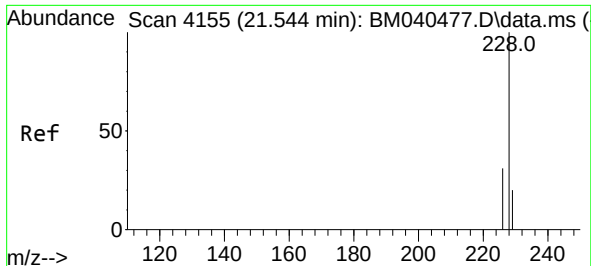
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#21
Benzo(a)anthracene
Concen: 0.331 ng/u1
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

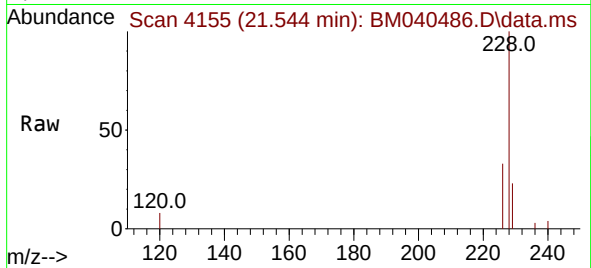
Tgt Ion:228 Resp: 21425
Ion Ratio Lower Upper
228 100
229 23.9 16.0 24.0
226 31.6 22.3 33.5





#22
Chrysene
Concen: 0.402 ng/u1
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

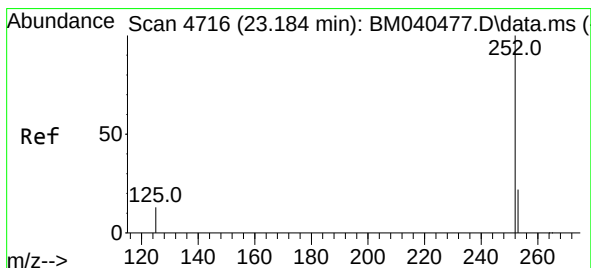
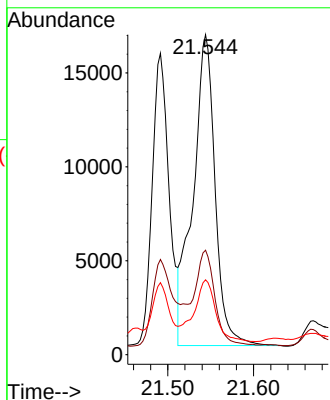
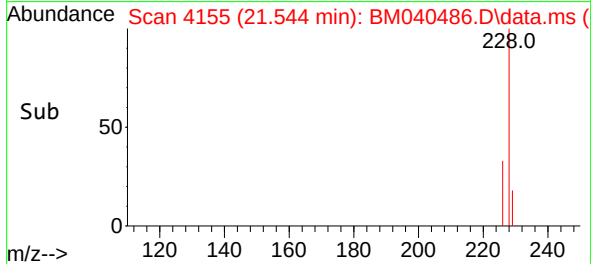
Instrument :
BNA_M
ClientSampleId :
DCF5DL



Tgt Ion:228 Resp: 29650
Ion Ratio Lower Upper
228 100
226 32.7 24.9 37.3
229 23.4 15.8 23.6

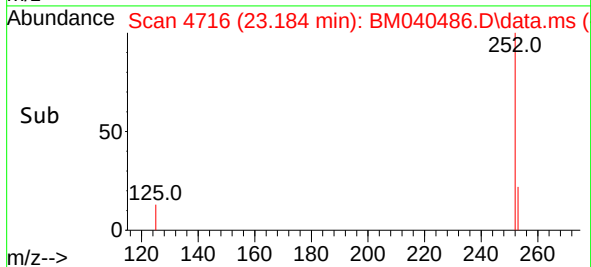
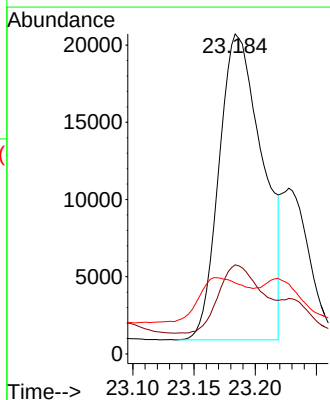
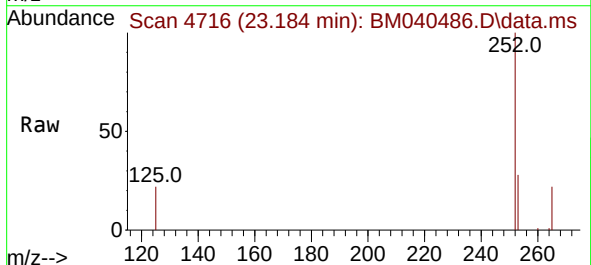
Manual Integrations
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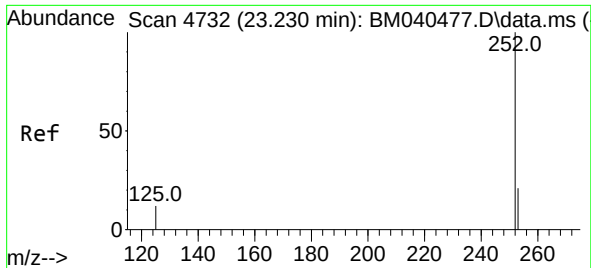
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#24
Benzo(b)fluoranthene
Concen: 0.624 ng/u1
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

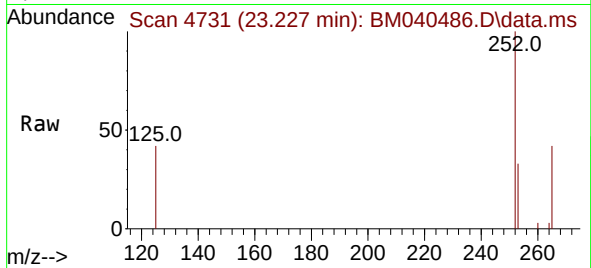
Tgt Ion:252 Resp: 48907
Ion Ratio Lower Upper
252 100
253 27.8 0.0 52.8
125 22.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul m
RT: 23.227 min Scan# 4731
Delta R.T. 0.000 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

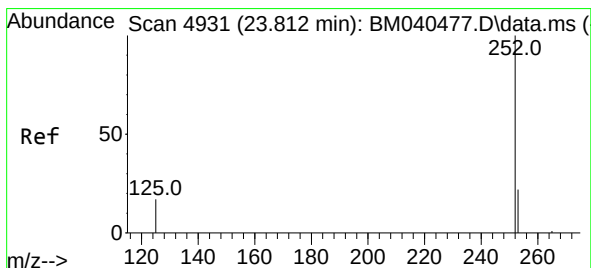
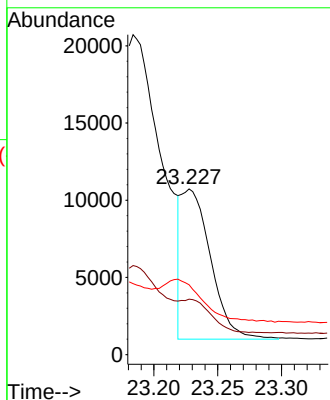
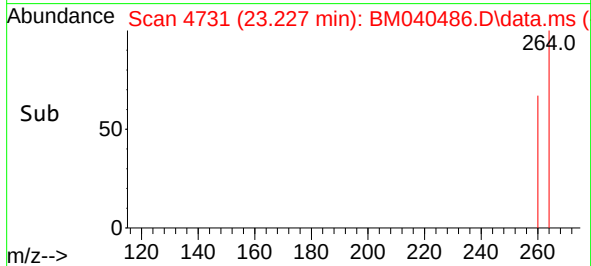
Instrument :
BNA_M
ClientSampleId :
DCFV5DL



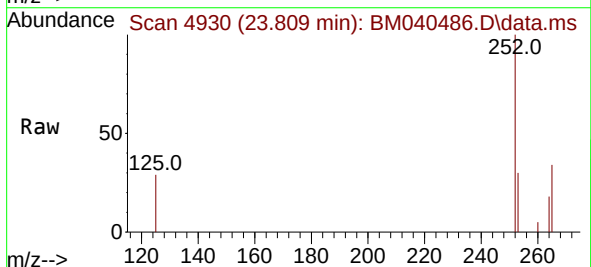
Tgt Ion:252 Resp: 15609
Ion Ratio Lower Upper
252 100
253 33.5 21.2 31.8
125 42.2 16.4 24.6

Manual Integrations
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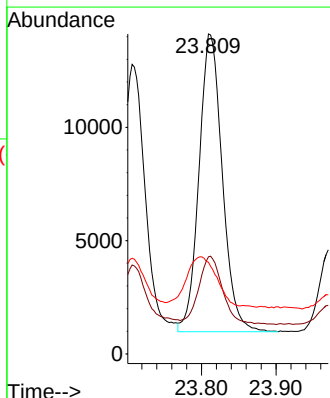
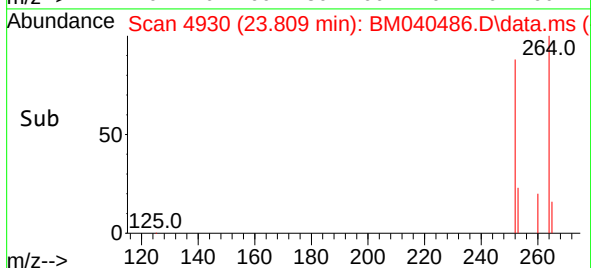
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

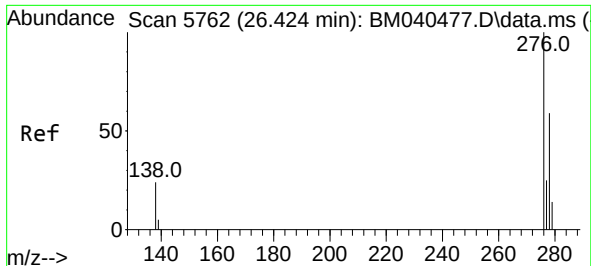


#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04



Tgt Ion:252 Resp: 28522
Ion Ratio Lower Upper
252 100
253 30.4 22.9 34.3
125 28.6 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.265 ng/ul

RT: 26.424 min Scan# 5762

Delta R.T. 0.003 min

Lab File: BM040486.D

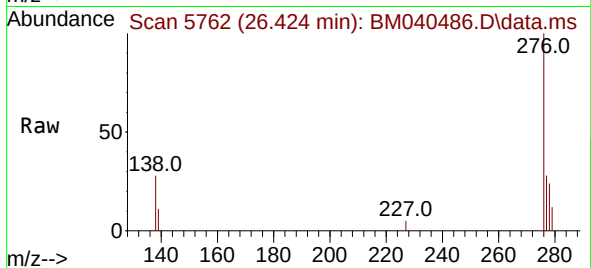
Acq: 01 Jul 2023 00:04

Instrument :

BNA_M

ClientSampleId :

DCFV5DL



Tgt Ion:276 Resp: 26079

Ion Ratio Lower Upper

276 100

138 22.7 24.5 36.7

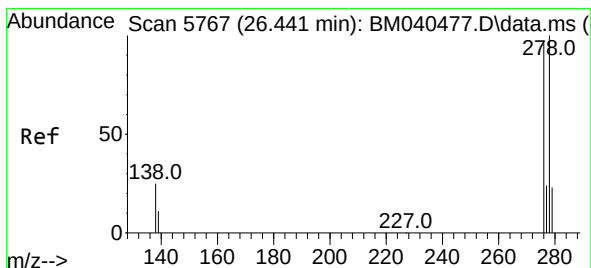
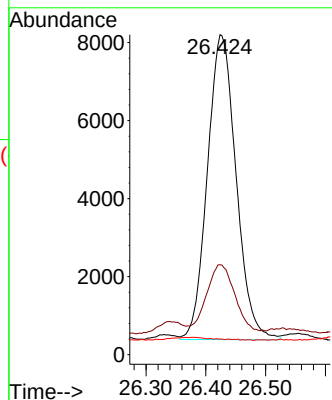
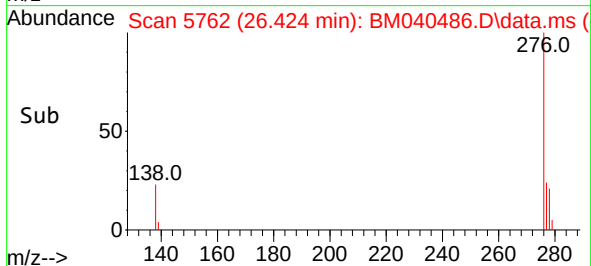
227 0.1 0.1 0.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/01/2023

Supervised By :mohammad ahmed 07/01/2023



#28

Dibenzo(a,h)anthracene

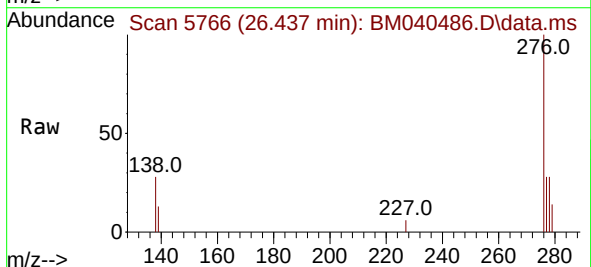
Concen: 0.086 ng/ul

RT: 26.437 min Scan# 5766

Delta R.T. 0.000 min

Lab File: BM040486.D

Acq: 01 Jul 2023 00:04



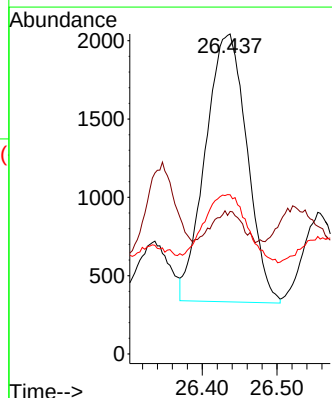
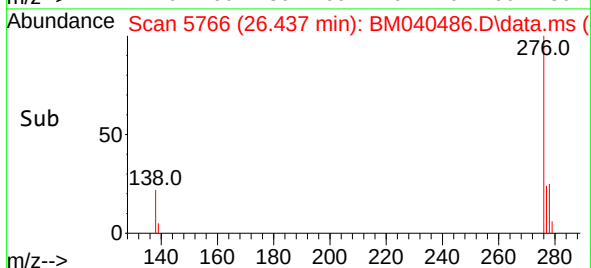
Tgt Ion:278 Resp: 6603

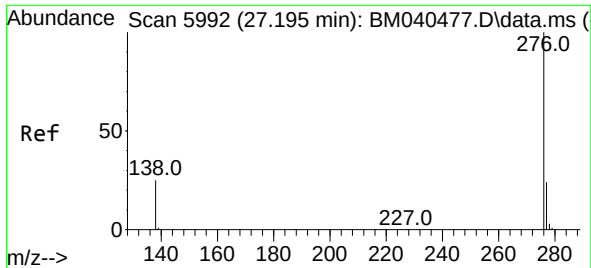
Ion Ratio Lower Upper

278 100

139 44.5 17.9 26.9

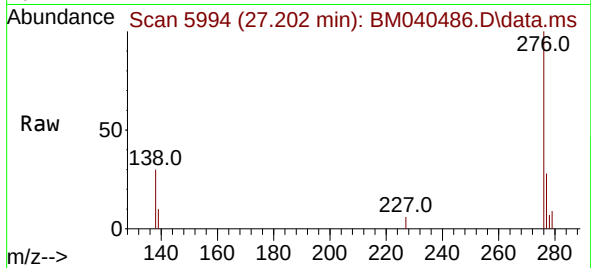
279 49.8 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 0.267 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040486.D
Acq: 01 Jul 2023 00:04

Instrument :
BNA_M
ClientSampleId :
DCFW5DL



Tgt Ion:276 Resp: 23015
Ion Ratio Lower Upper
276 100
138 29.7 23.0 34.6
277 28.1 20.3 30.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

