

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040487.D
 Acq On : 01 Jul 2023 00:42
 Operator : MA/JU
 Sample : 03161-21DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 03:05:51 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	8301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	31135	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	14863	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	29276	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	16738	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	16067	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	8278	0.635	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	2156	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	3641	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.304	152	4172	0.063	ng/ul#	91
15) Phenanthrene	17.370	178	32532	0.358	ng/ul	100
16) Anthracene	17.459	178	6485	0.085	ng/ul#	93
19) Fluoranthene	19.384	202	73963	1.040	ng/ul	95
20) Pyrene	19.747	202	51536	0.676	ng/ul	98
21) Benzo(a)anthracene	21.488	228	22142	0.391	ng/ul	96
22) Chrysene	21.544	228	27524m	0.426	ng/ul	
24) Benzo(b)fluoranthene	23.184	252	32258	0.519	ng/ul	95
25) Benzo(k)fluoranthene	23.228	252	11767m	0.192	ng/ul	
26) Benzo(a)pyrene	23.812	252	16076	0.287	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.424	276	16170	0.207	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.430	278	4212	0.069	ng/ul#	45
29) Benzo(g,h,i)perylene	27.198	276	14155	0.207	ng/ul	92

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

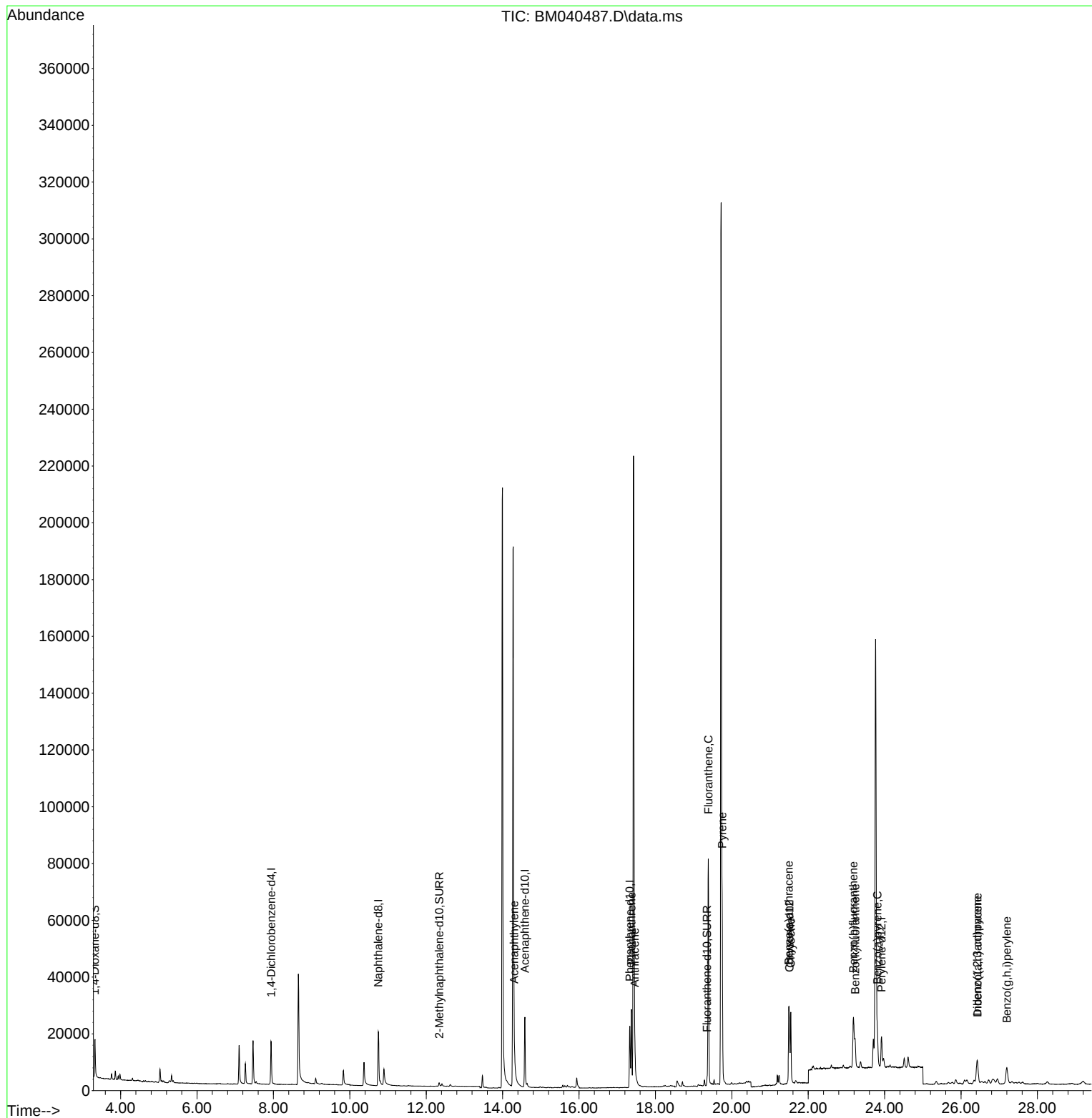
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040487.D
Acq On : 01 Jul 2023 00:42
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ALS Vial : 28 Sample Multiplier: 1

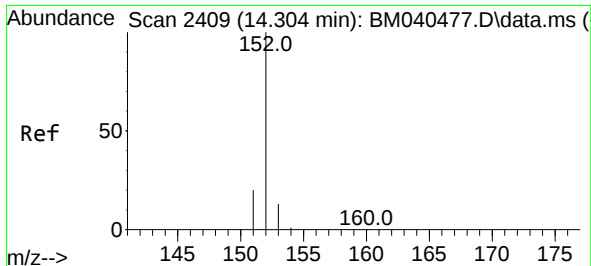
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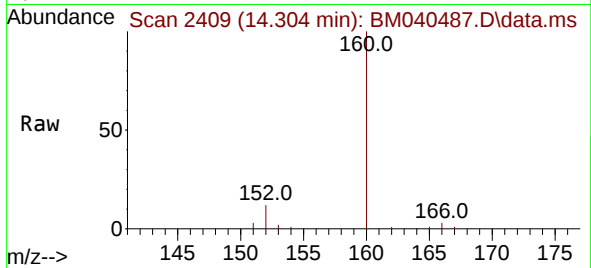
Quant Time: Jul 01 03:05:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. 0.005 min
Lab File: BM040487.D
Acq: 01 Jul 2023 00:42

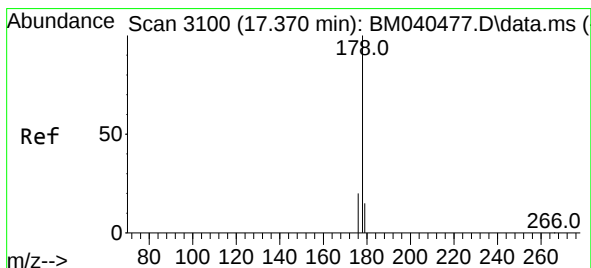
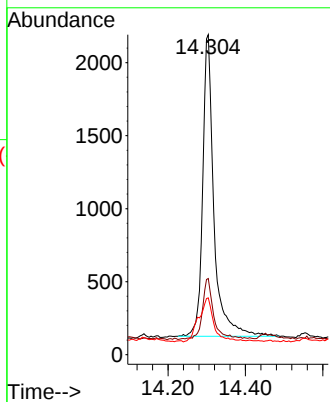
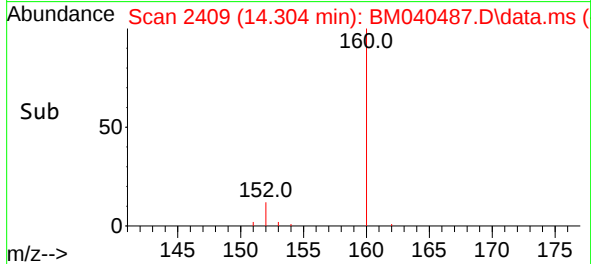
Instrument :
BNA_M
ClientSampleId :
DCFX7DL



Tgt Ion:152 Resp: 4172
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.2
153 17.7 10.9 16.3

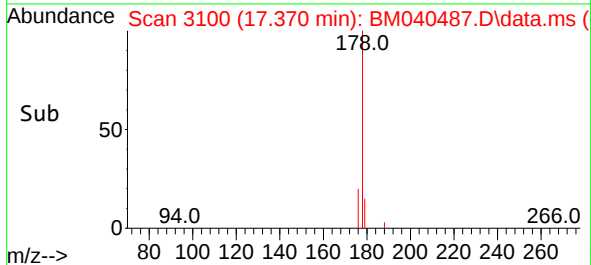
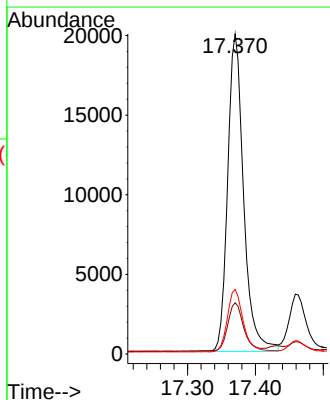
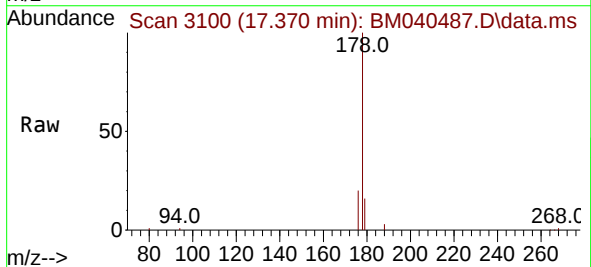
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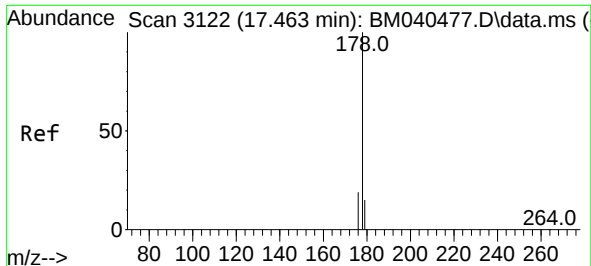
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040487.D
Acq: 01 Jul 2023 00:42

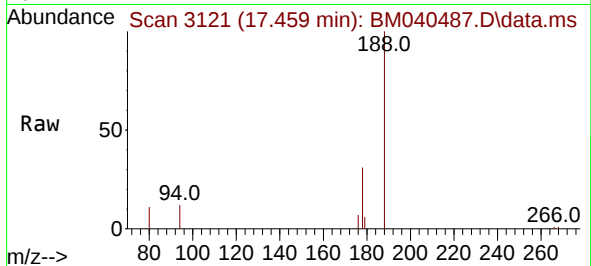
Tgt Ion:178 Resp: 32532
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 20.2 16.4 24.6





#16
 Anthracene
 Concen: 0.085 ng/ul
 RT: 17.459 min Scan# 3121
 Delta R.T. -0.004 min
 Lab File: BM040487.D
 Acq: 01 Jul 2023 00:42

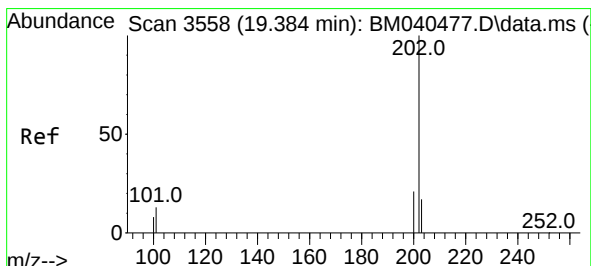
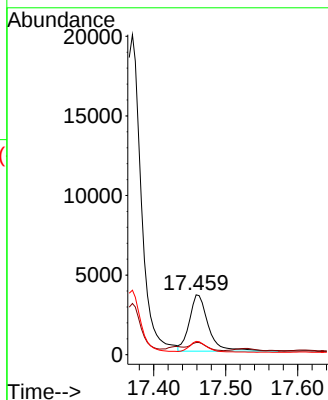
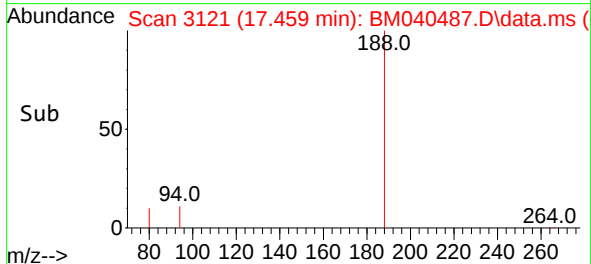
Instrument :
 BNA_M
 ClientSampleId :
 DCFX7DL



Tgt Ion:178 Resp: 6485
 Ion Ratio Lower Upper
 178 100
 179 20.3 12.9 19.3
 176 22.1 15.8 23.6

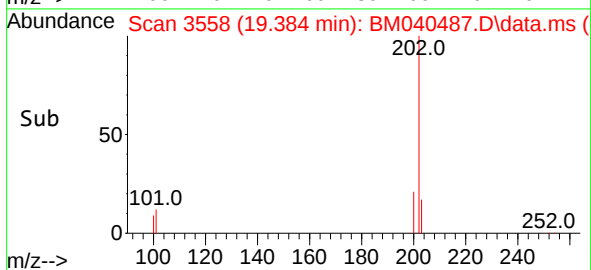
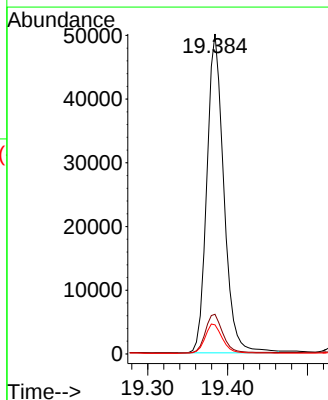
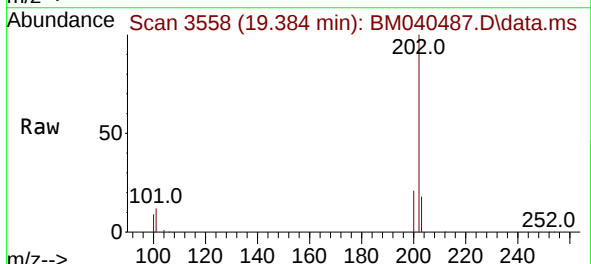
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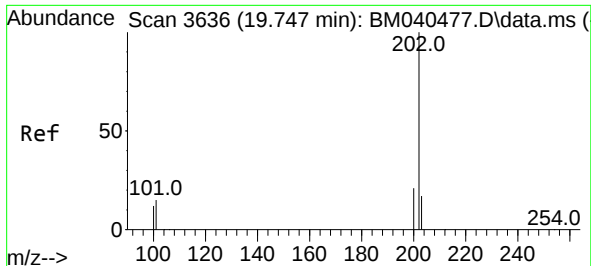
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#19
 Fluoranthene
 Concen: 1.040 ng/ul
 RT: 19.384 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BM040487.D
 Acq: 01 Jul 2023 00:42

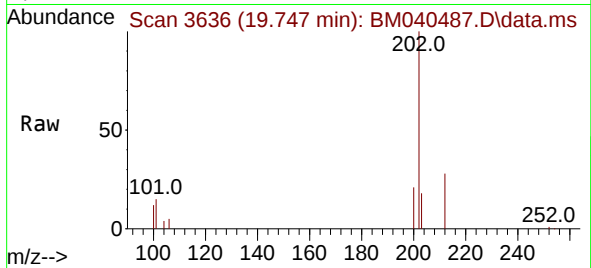
Tgt Ion:202 Resp: 73963
 Ion Ratio Lower Upper
 202 100
 101 12.4 11.4 17.0
 100 9.1 8.7 13.1





#20
Pyrene
Concen: 0.676 ng/u1
RT: 19.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040487.D
Acq: 01 Jul 2023 00:42

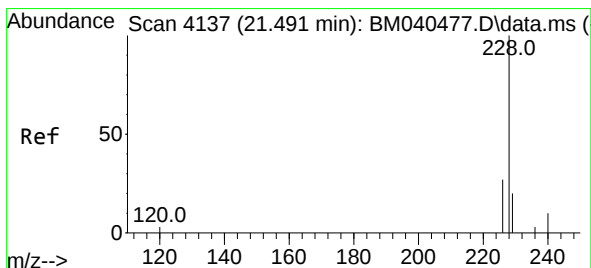
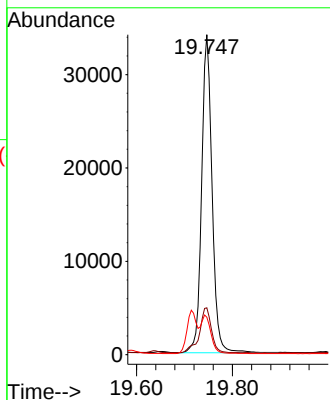
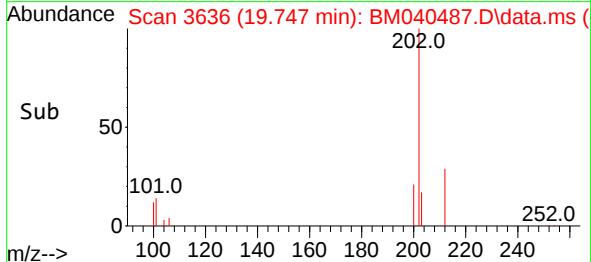
Instrument :
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ClientSampleId :
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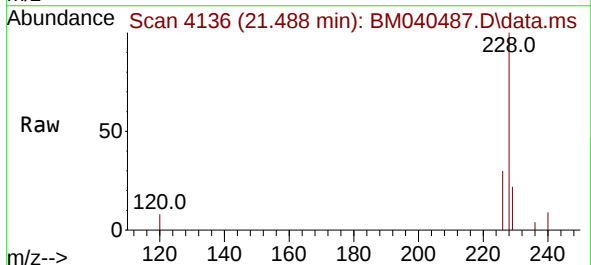
Tgt Ion:202 Resp: 51530
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 11.7 9.8 14.6

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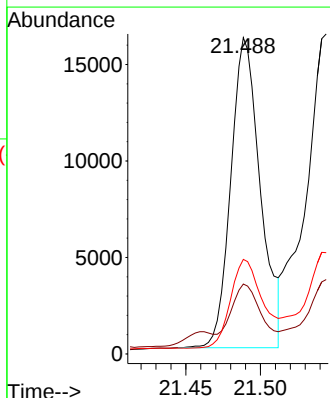
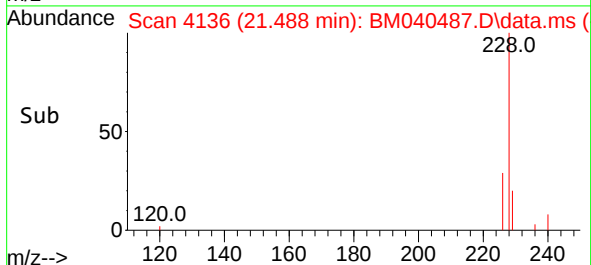
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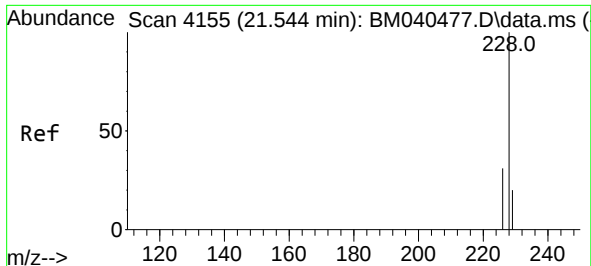


#21
Benzo(a)anthracene
Concen: 0.391 ng/u1
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040487.D
Acq: 01 Jul 2023 00:42



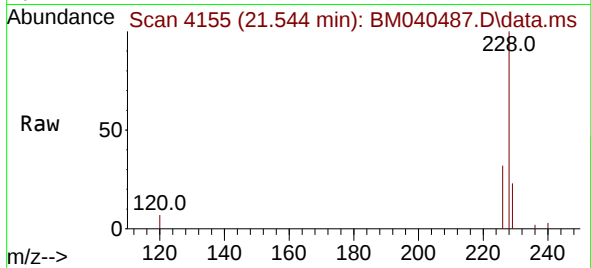
Tgt Ion:228 Resp: 22142
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 29.9 22.3 33.5





#22
Chrysene
Concen: 0.426 ng/ul m
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040487.D
Acq: 01 Jul 2023 00:42

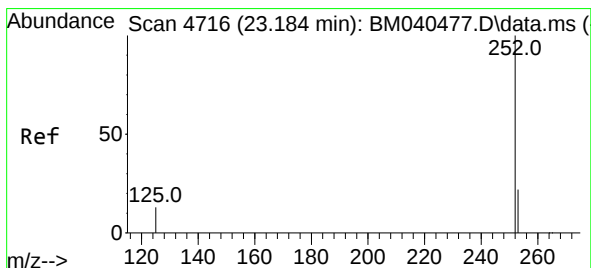
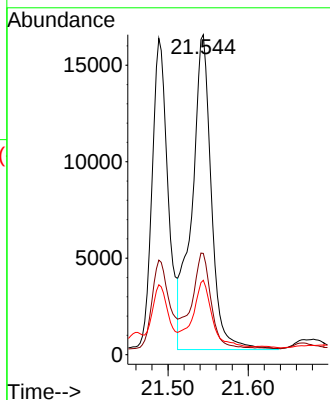
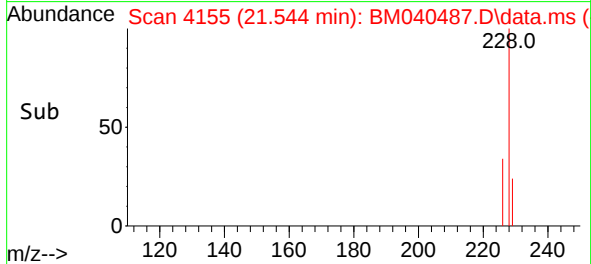
Instrument :
BNA_M
ClientSampleId :
DCFX7DL



Tgt Ion:228 Resp: 27524
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 23.2 15.8 23.6

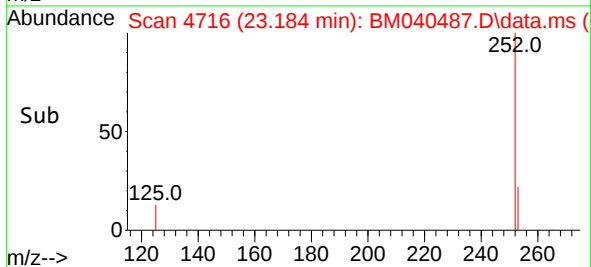
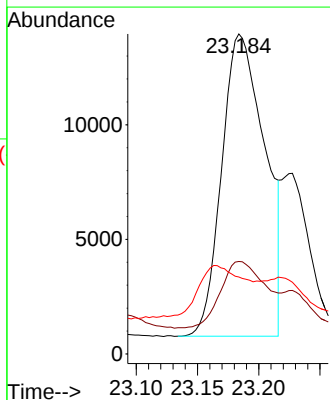
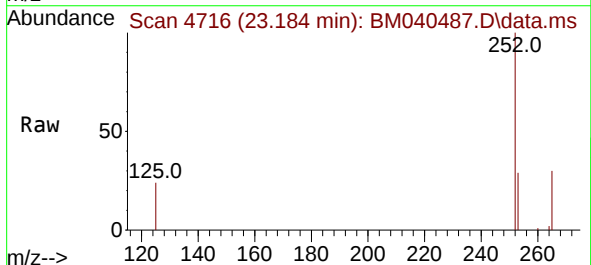
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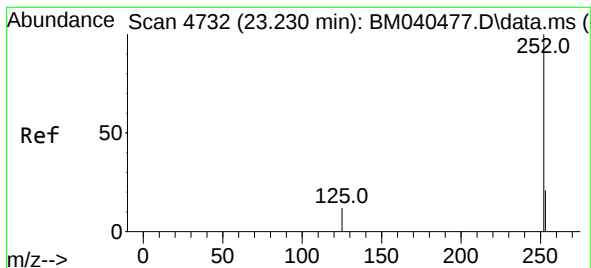
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#24
Benzo(b)fluoranthene
Concen: 0.519 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040487.D
Acq: 01 Jul 2023 00:42

Tgt Ion:252 Resp: 32258
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.8
125 24.0 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 0.192 ng/ul m

RT: 23.228 min Scan# 4731

Delta R.T. 0.000 min

Lab File: BM040487.D

Acq: 01 Jul 2023 00:42

Instrument :

BNA_M

ClientSampleId :

DCFX7DL

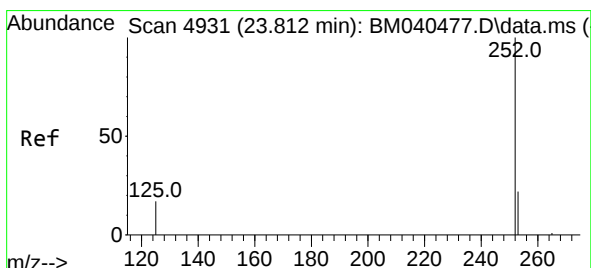
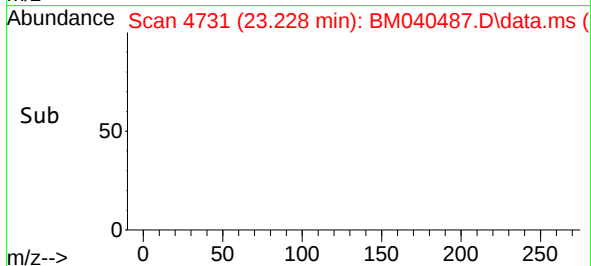
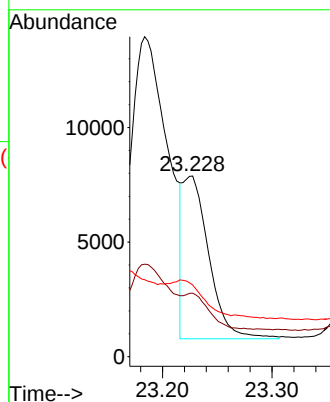
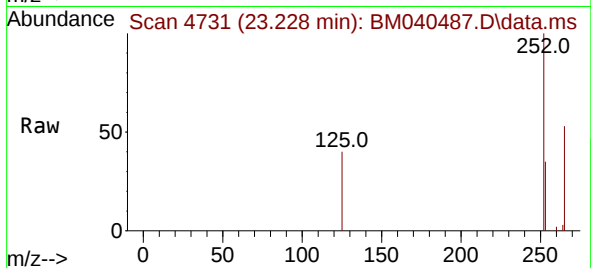
Tgt Ion:	252	Resp:	1176
Ion Ratio	Lower	Upper	
252	100		
253	35.1	21.2	31.8
125	39.7	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/01/2023



#26

Benzo(a)pyrene

Concen: 0.287 ng/ul

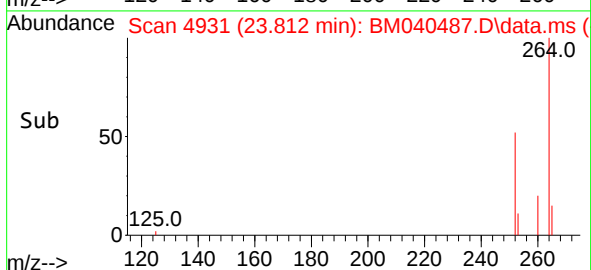
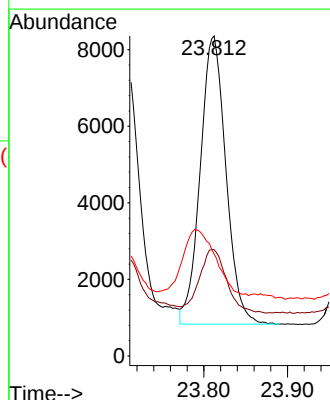
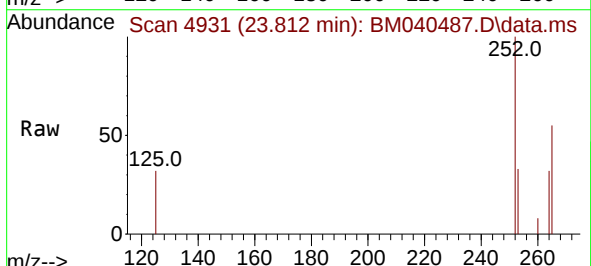
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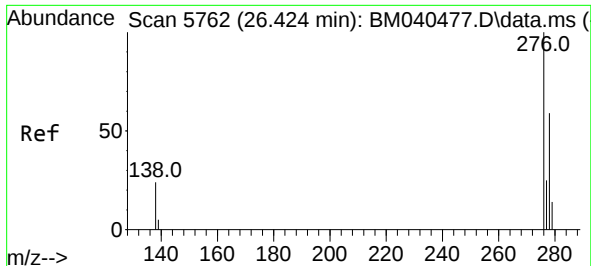
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Lab File: BM040487.D

Acq: 01 Jul 2023 00:42

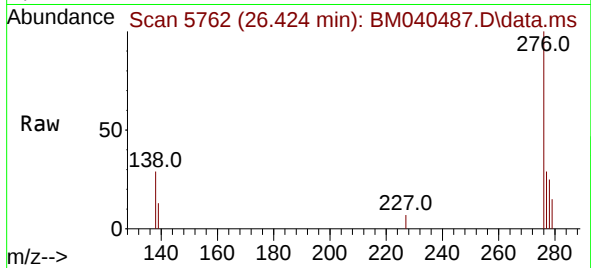
Tgt Ion:	252	Resp:	16076
Ion Ratio	Lower	Upper	
252	100		
253	33.2	22.9	34.3
125	31.8	21.0	31.4





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.207 ng/ul
 RT: 26.424 min Scan# 5762
 Delta R.T. 0.003 min
 Lab File: BM040487.D
 Acq: 01 Jul 2023 00:42

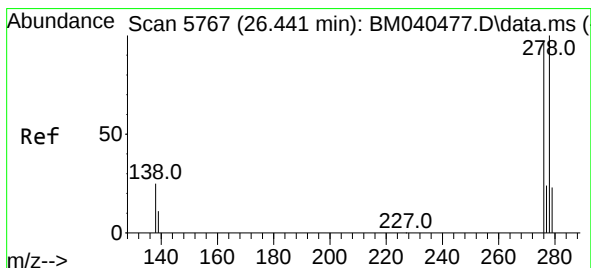
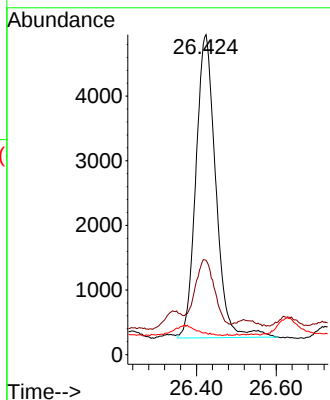
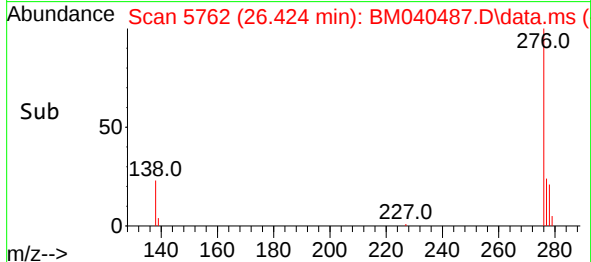
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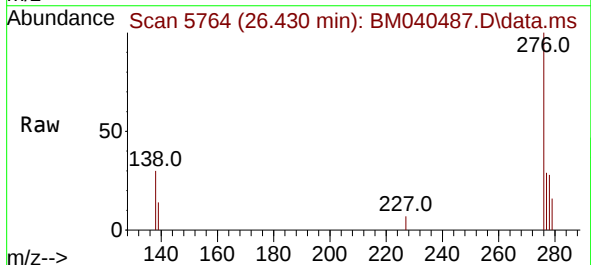
Tgt Ion: 276 Resp: 16170
 Ion Ratio Lower Upper
 276 100
 138 22.4 24.5 36.7#
 227 0.0 0.1 0.1#

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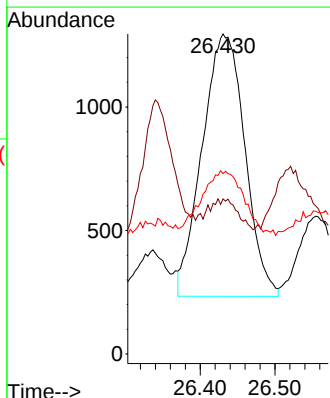
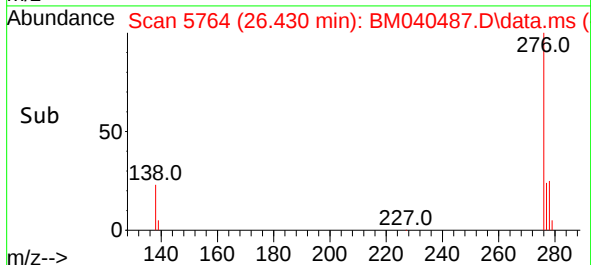
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

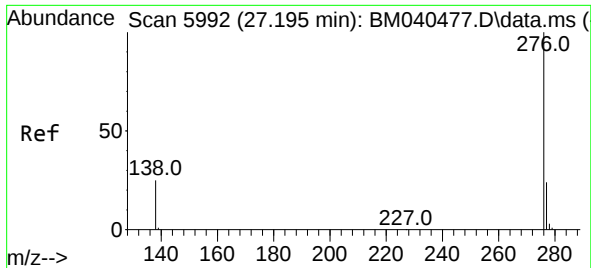


#28
 Dibenzo(a,h)anthracene
 Concen: 0.069 ng/ul
 RT: 26.430 min Scan# 5764
 Delta R.T. -0.007 min
 Lab File: BM040487.D
 Acq: 01 Jul 2023 00:42



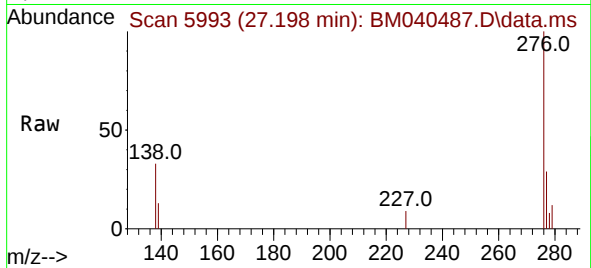
Tgt Ion: 278 Resp: 4212
 Ion Ratio Lower Upper
 278 100
 139 48.5 17.9 26.9#
 279 56.3 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. 0.014 min
Lab File: BM040487.D
Acq: 01 Jul 2023 00:42

Instrument :
BNA_M
ClientSampleId :
DCFX7DL



Tgt Ion:276 Resp: 1415
Ion Ratio Lower Upper
276 100
138 32.8 23.0 34.6
277 29.4 20.3 30.5

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