

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040473.D
 Acq On : 30 Jun 2023 15:51
 Operator : MA/JU
 Sample : 03161-04DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW0DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 03:03:46 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 : 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	8431	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	32127	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.582	164	15894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	29633	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	16615	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	15426	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	4077	0.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	1025	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1455	0.027	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.370	178	6963	0.076	ng/ul#	94
16) Anthracene	17.463	178	1709	0.022	ng/ul#	70
19) Fluoranthene	19.384	202	22766	0.323	ng/ul	99
20) Pyrene	19.747	202	17910m	0.237	ng/ul	
21) Benzo(a)anthracene	21.491	228	9744	0.173	ng/ul	94
22) Chrysene	21.547	228	11501m	0.179	ng/ul	
24) Benzo(b)fluoranthene	23.186	252	15788	0.264	ng/ul	77
25) Benzo(k)fluoranthene	23.224	252	5122m	0.087	ng/ul	
26) Benzo(a)pyrene	23.815	252	9170	0.171	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.424	276	7683	0.103	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.437	278	2014	0.034	ng/ul#	8
29) Benzo(g,h,i)perylene	27.198	276	7459	0.114	ng/ul#	83

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

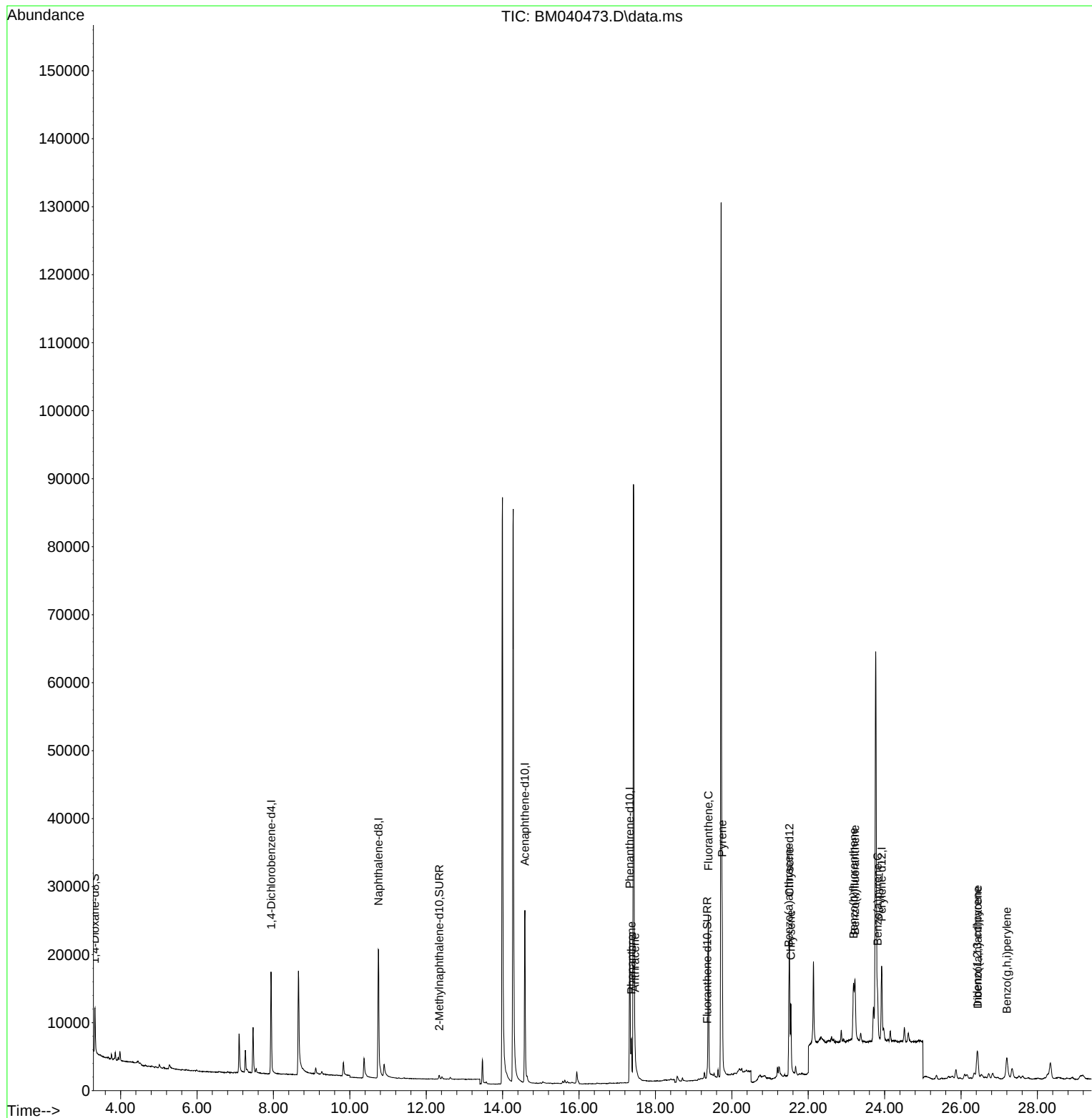
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Data File : BM040473.D
Acq On : 30 Jun 2023 15:51
Operator : MA/JU
Sample : 03161-04DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

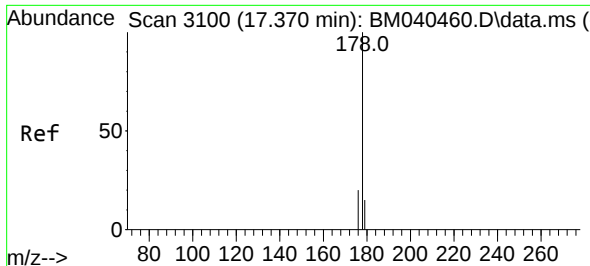
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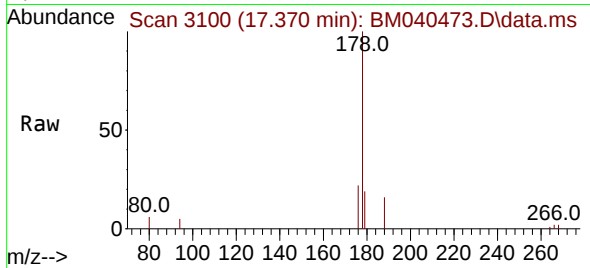
Quant Time: Jul 01 03:03:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
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#15
Phenanthrene
Concen: 0.076 ng/ul
RT: 17.370 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

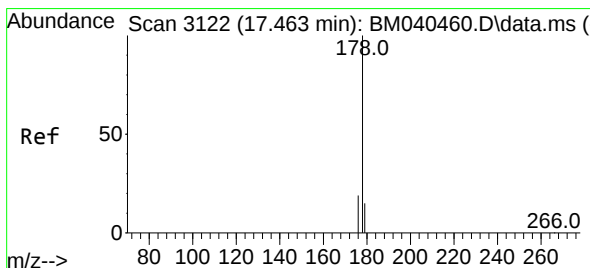
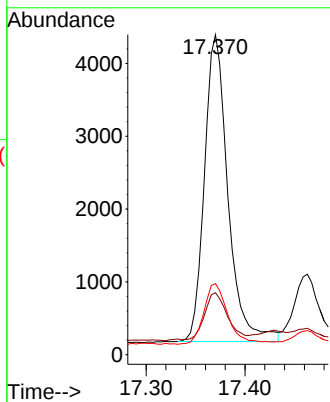
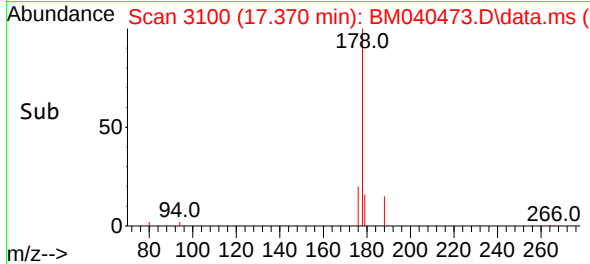
Instrument :
BNA_M
ClientSampleId :
DCFWD0DL



Tgt Ion:178 Resp: 696
Ion Ratio Lower Upper
178 100
179 19.4 12.8 19.2
176 22.2 16.4 24.6

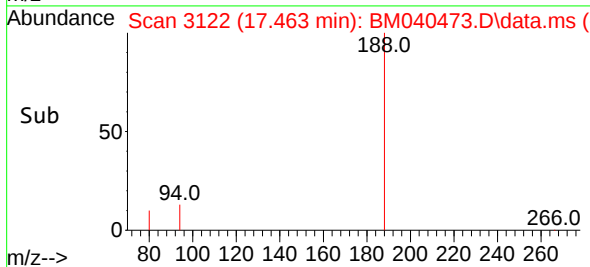
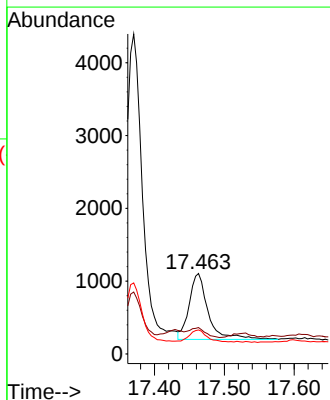
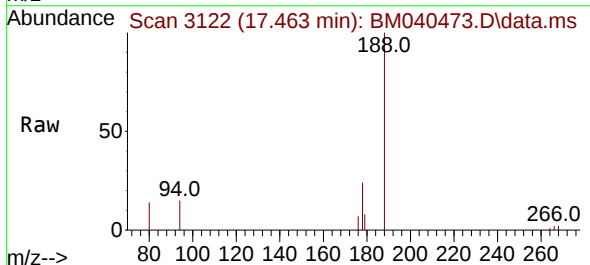
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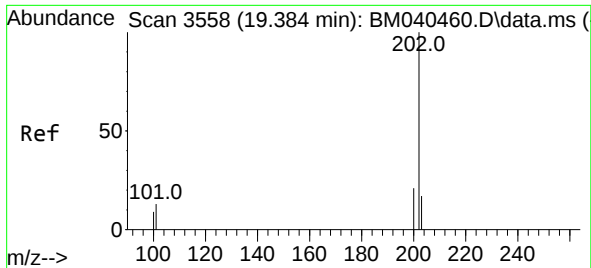
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

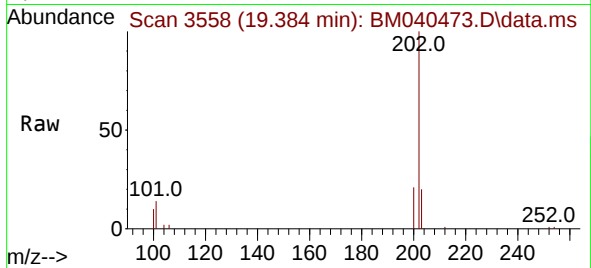
Tgt Ion:178 Resp: 1709
Ion Ratio Lower Upper
178 100
179 32.7 12.9 19.3#
176 29.8 15.8 23.6#





#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

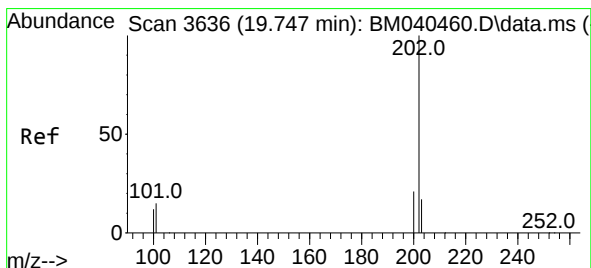
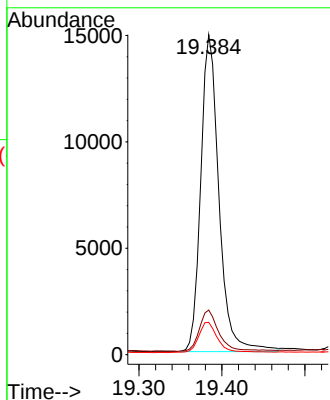
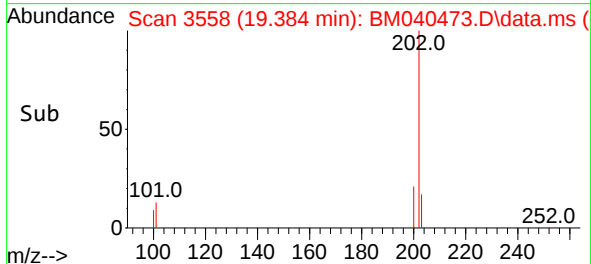
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BNA_M
ClientSampleId :
DCFWD0L



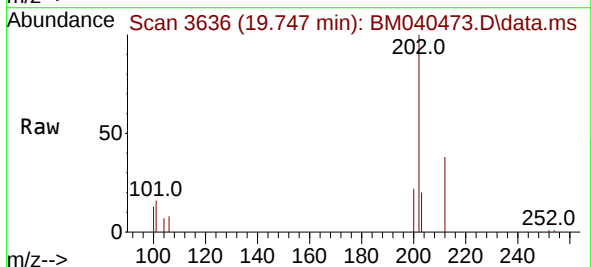
Tgt Ion:202 Resp: 22760
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.1 8.7 13.1

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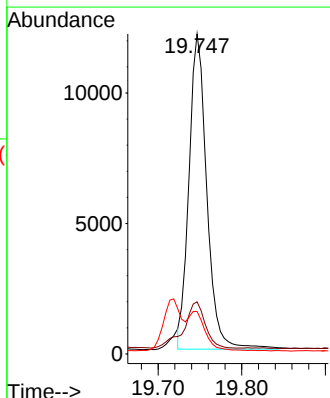
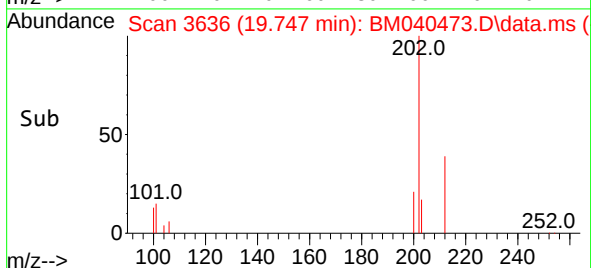
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

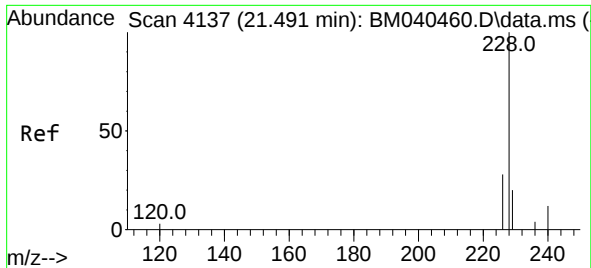


#20
Pyrene
Concen: 0.237 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51



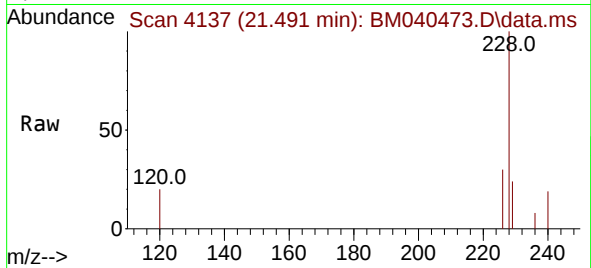
Tgt Ion:202 Resp: 17910
Ion Ratio Lower Upper
202 100
101 16.3 12.6 18.8
100 13.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.173 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

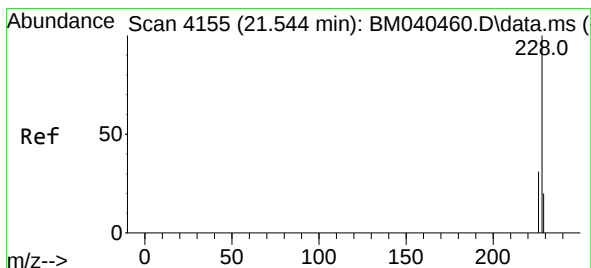
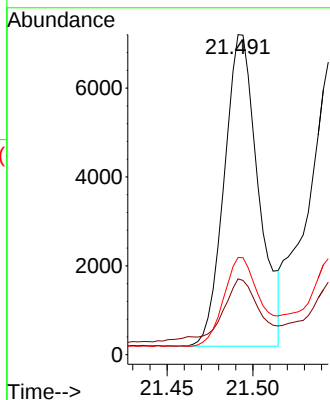
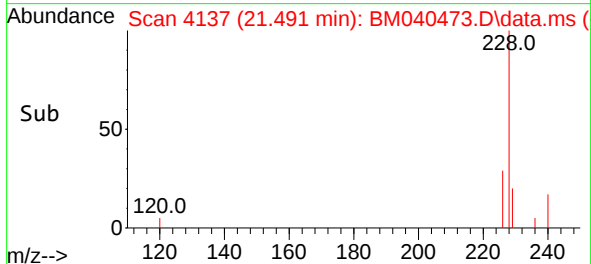
Instrument :
BNA_M
ClientSampleId :
DCFWDL



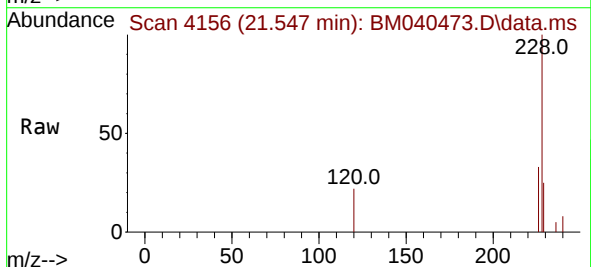
Tgt Ion:228 Resp: 9744
Ion Ratio Lower Upper
228 100
229 23.7 16.0 24.0
226 30.3 22.3 33.5

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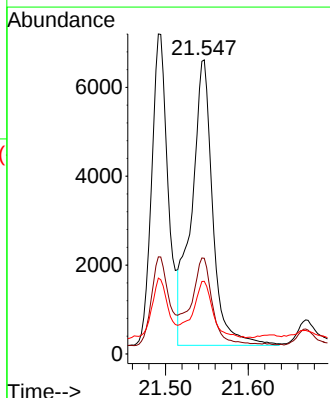
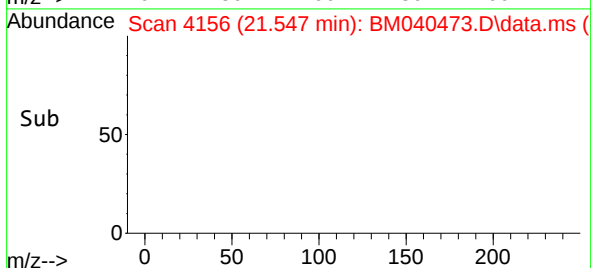
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

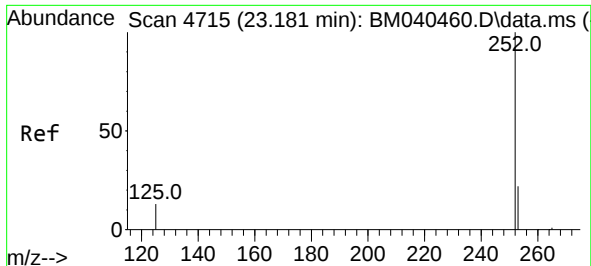


#22
Chrysene
Concen: 0.179 ng/ul m
RT: 21.547 min Scan# 4156
Delta R.T. 0.003 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51



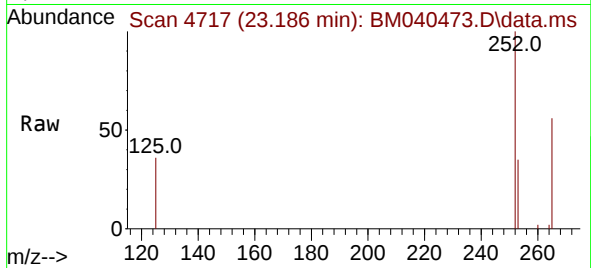
Tgt Ion:228 Resp: 11501
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 24.7 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 23.186 min Scan# 4715
Delta R.T. 0.006 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

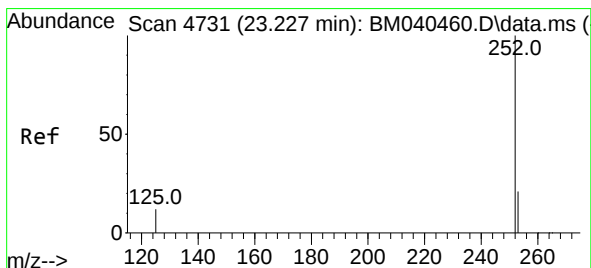
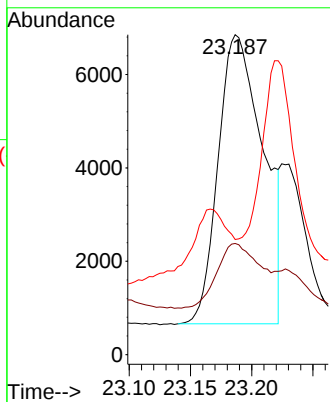
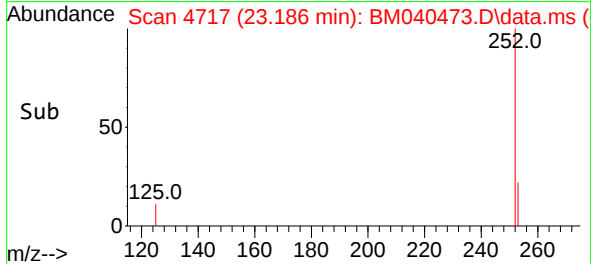
Instrument :
BNA_M
ClientSampleId :
DCFW0DL



Tgt Ion:252 Resp: 1578
Ion Ratio Lower Upper
252 100
253 34.8 0.0 52.8
125 36.0 0.0 43.0

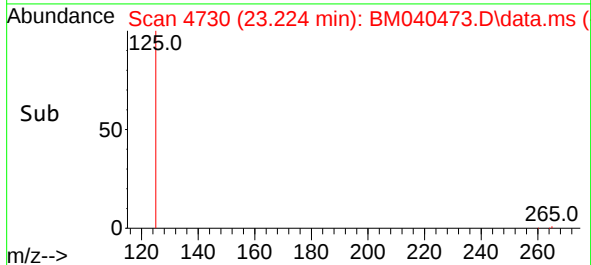
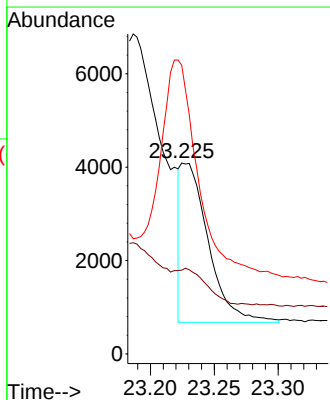
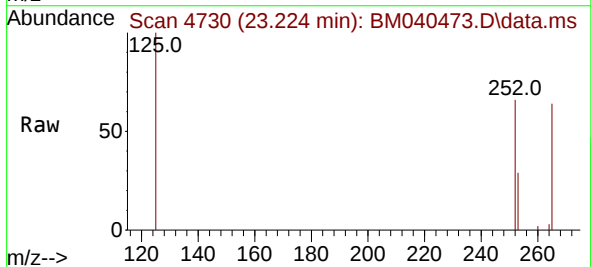
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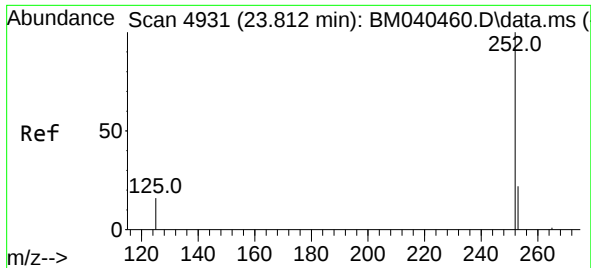
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 23.224 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

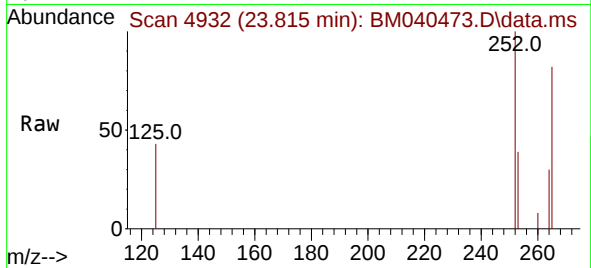
Tgt Ion:252 Resp: 5122
Ion Ratio Lower Upper
252 100
253 43.9 21.2 31.8#
125 151.2 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.815 min Scan# 4931
Delta R.T. 0.003 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

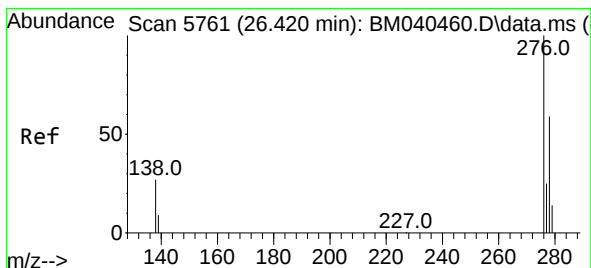
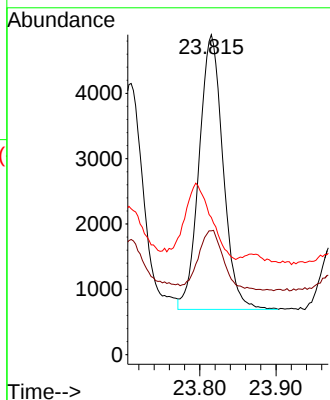
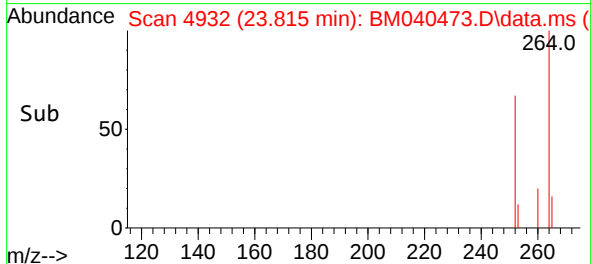
Instrument :
BNA_M
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DCFWDL



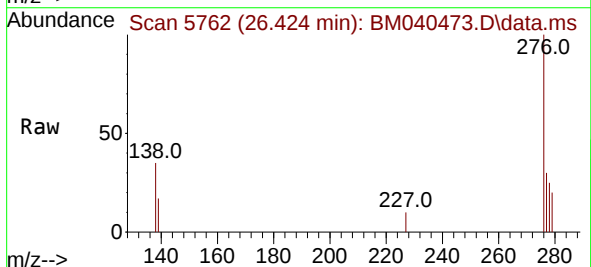
Tgt Ion:252 Resp: 9170
Ion Ratio Lower Upper
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253 38.7 22.9 34.3#
125 42.9 21.0 31.4#

Manual Integrations
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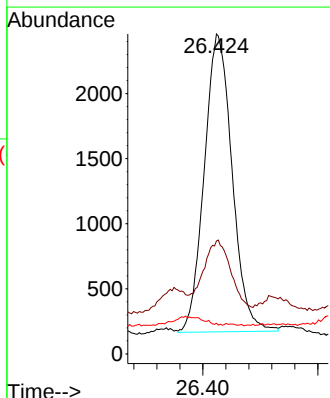
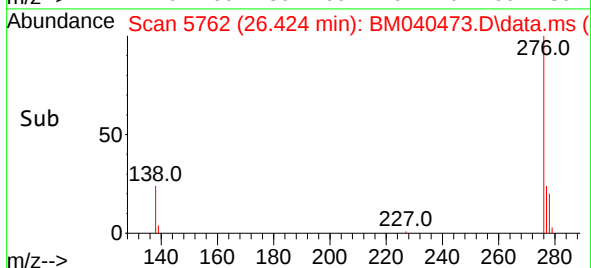
Reviewed By :Yogesh Patel 07/01/2023
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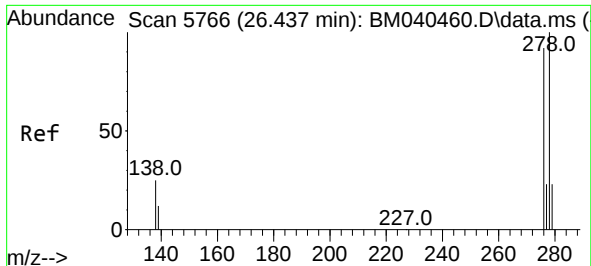


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.003 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51



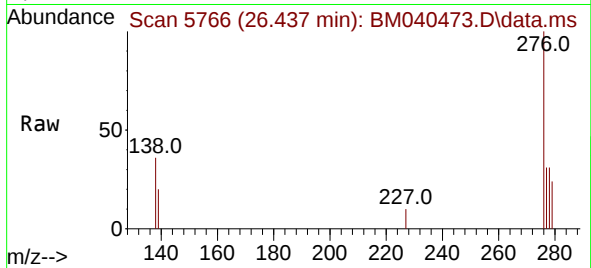
Tgt Ion:276 Resp: 7683
Ion Ratio Lower Upper
276 100
138 23.7 24.5 36.7#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. 0.000 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51

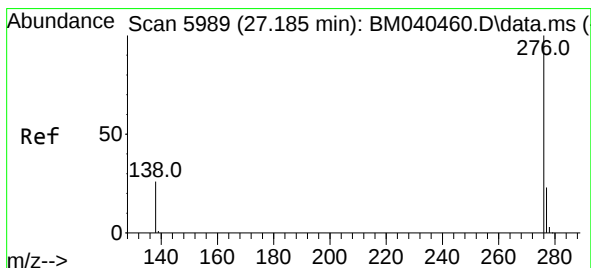
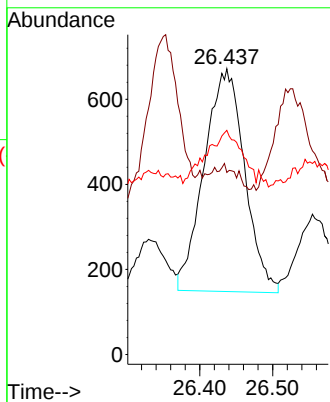
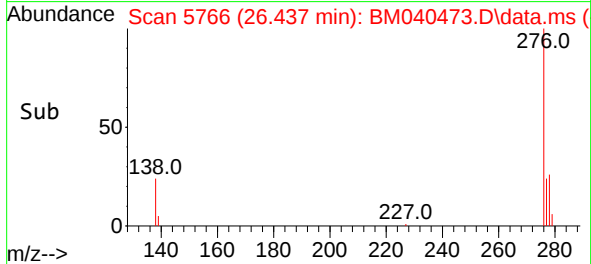
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DCFWD0DL



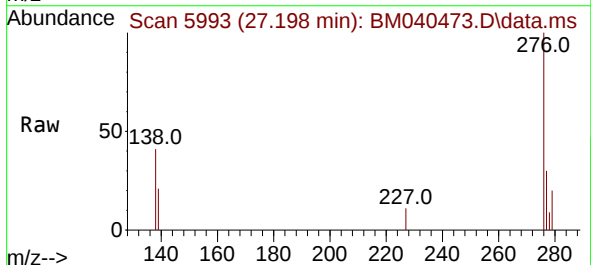
Tgt Ion:278 Resp: 2014
Ion Ratio Lower Upper
278 100
139 63.7 17.9 26.9
279 78.4 22.0 33.0

Manual Integrations
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Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. 0.013 min
Lab File: BM040473.D
Acq: 30 Jun 2023 15:51



Tgt Ion:276 Resp: 7459
Ion Ratio Lower Upper
276 100
138 40.7 23.0 34.6
277 30.4 20.3 30.5

