

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026486.D
 Acq On : 13 Jul 2023 10:50
 Operator : MA/JU
 Sample : 03414-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023

Quant Time: Jul 13 17:03:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 16:59:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	3362	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.798	136	10299	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.621	164	5716	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	11578	0.400	ng/ul	0.00
17) Chrysene-d12	21.555	240	8141	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	8434	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1406	0.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	393	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	688	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	6891	0.244	ng/ul	99
7) 2-Methylnaphthalene	12.464	142	511	0.032	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	459m	0.027	ng/ul	
12) Fluorene	15.667	166	701	0.031	ng/ul#	90
15) Phenanthrene	17.406	178	11424	0.310	ng/ul	99
19) Fluoranthene	19.419	202	20694	0.542	ng/ul	98
20) Pyrene	19.782	202	17580	0.424	ng/ul	99
21) Benzo(a)anthracene	21.541	228	8870	0.296	ng/ul#	91
22) Chrysene	21.593	228	8196	0.241	ng/ul#	93
24) Benzo(b)fluoranthene	23.253	252	11004m	0.335	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	4495m	0.131	ng/ul	
26) Benzo(a)pyrene	23.885	252	4272	0.146	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.547	276	4436	0.116	ng/ul#	78

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

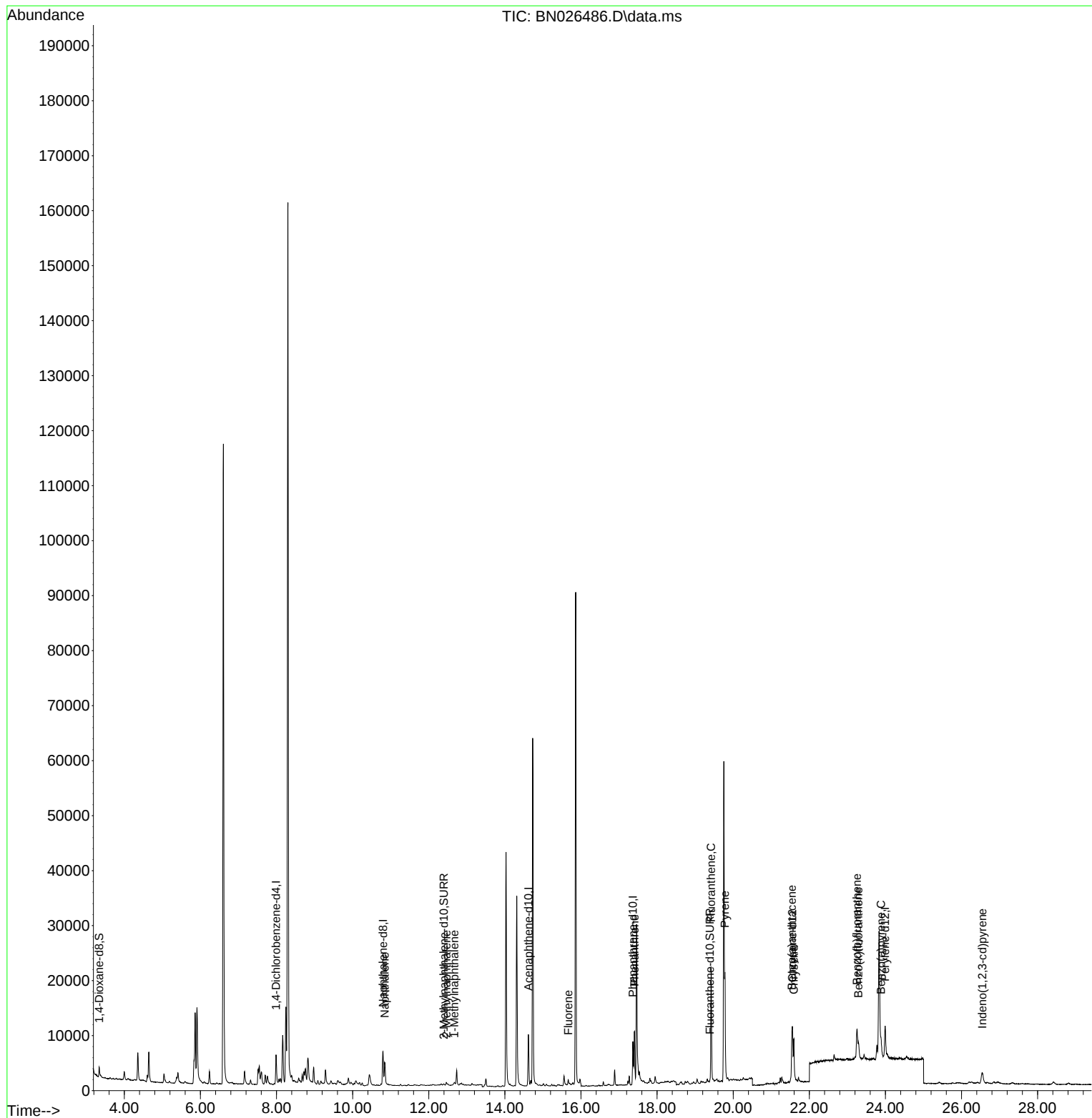
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026486.D
Acq On : 13 Jul 2023 10:50
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ALS Vial : 5 Sample Multiplier: 1

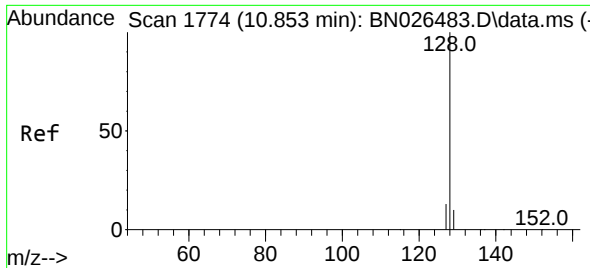
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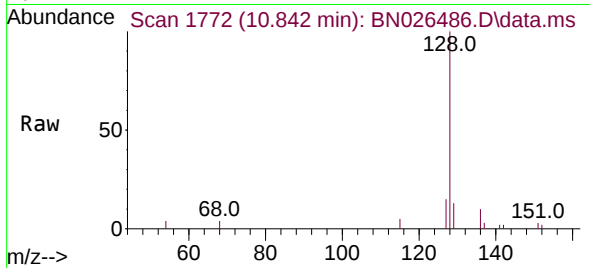
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.244 ng/ul
RT: 10.842 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50

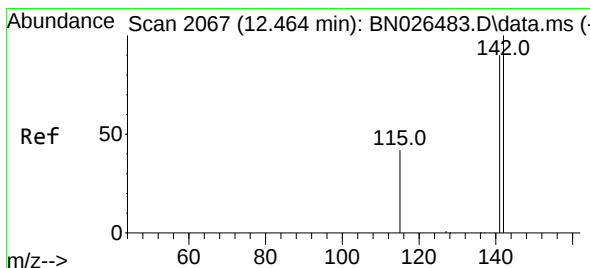
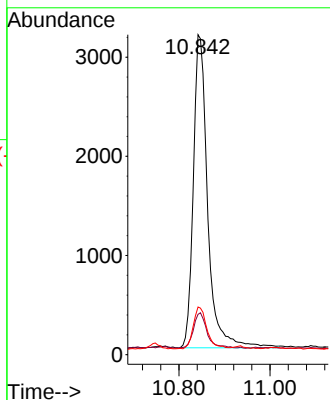
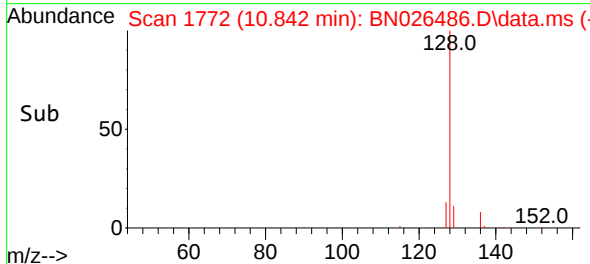
Instrument :
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ClientSampleId :
A4634



Tgt Ion:128 Resp: 689
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 14.9 11.4 17.0

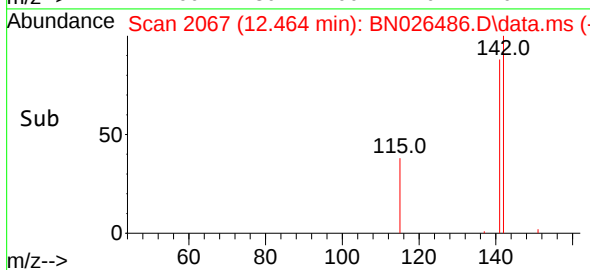
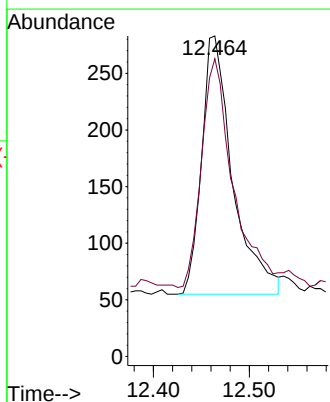
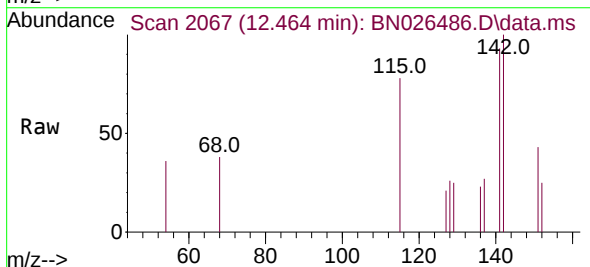
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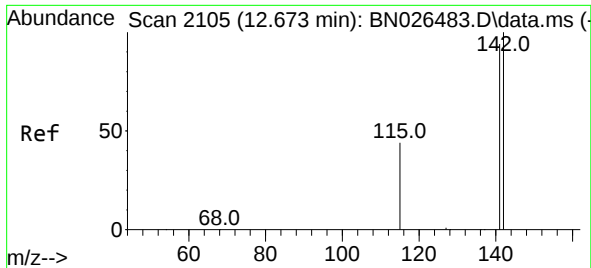
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.464 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50

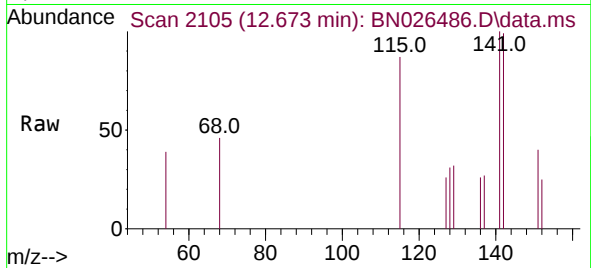
Tgt Ion:142 Resp: 511
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul m
RT: 12.673 min Scan# 2105
Delta R.T. -0.011 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50

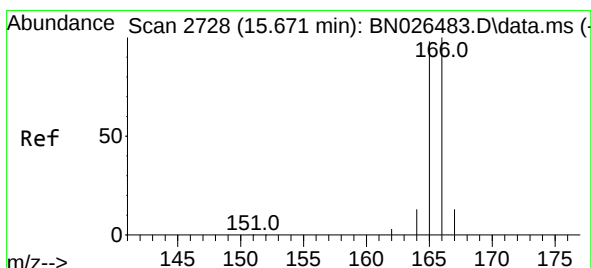
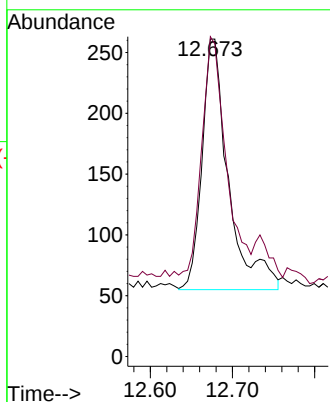
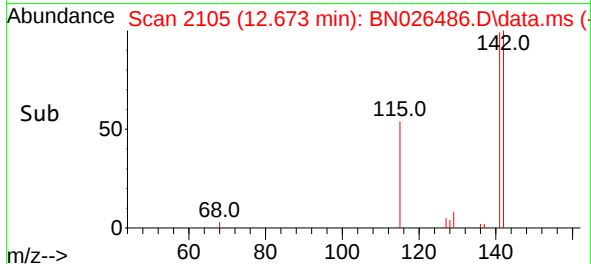
Instrument :
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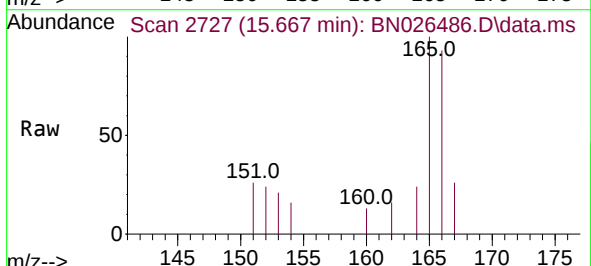
Tgt Ion:142 Resp: 459
Ion Ratio Lower Upper
142 100
141 86.5 74.5 111.7

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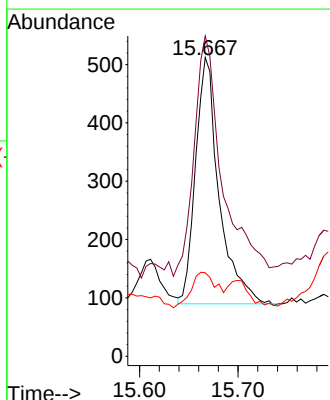
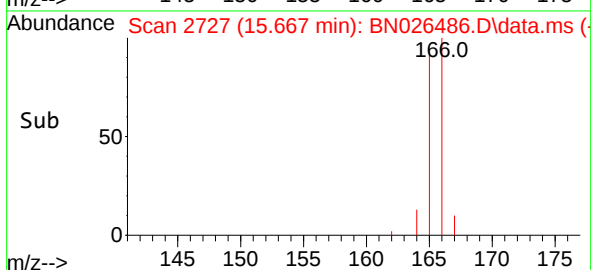
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

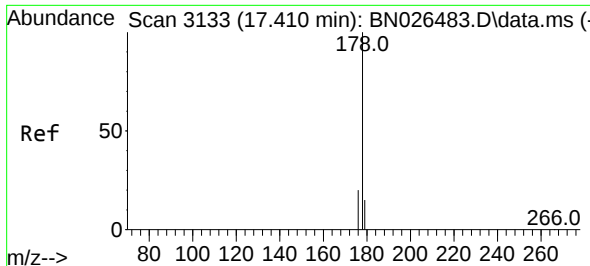


#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.667 min Scan# 2727
Delta R.T. -0.014 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50



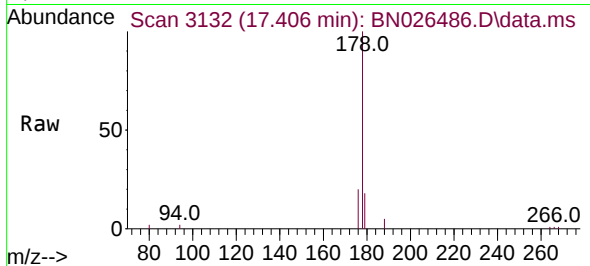
Tgt Ion:166 Resp: 701
Ion Ratio Lower Upper
166 100
165 107.2 80.6 120.8
167 27.9 12.0 18.0#





#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.406 min Scan# 3133
Delta R.T. -0.008 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50

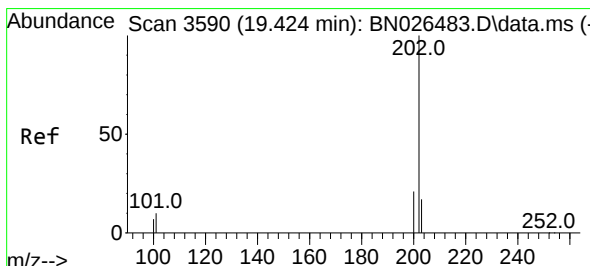
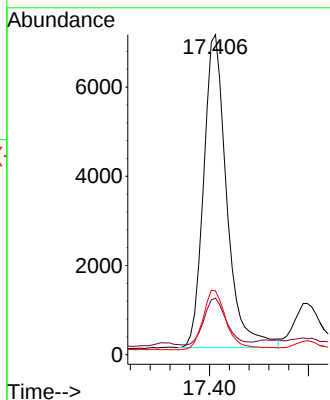
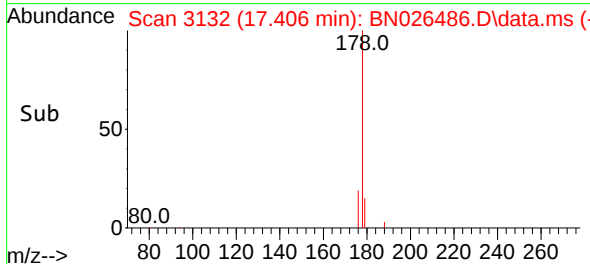
Instrument :
BNA_N
ClientSampleId :
A4634



Tgt Ion:178 Resp: 11424
Ion Ratio Lower Upper
178 100
179 17.7 13.7 20.5
176 19.9 16.5 24.7

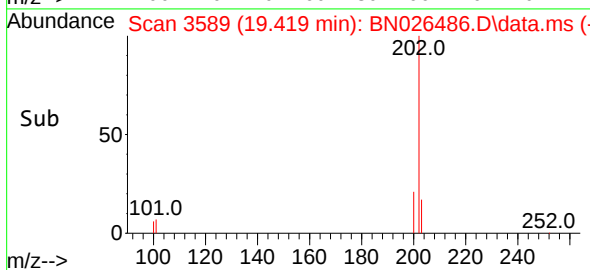
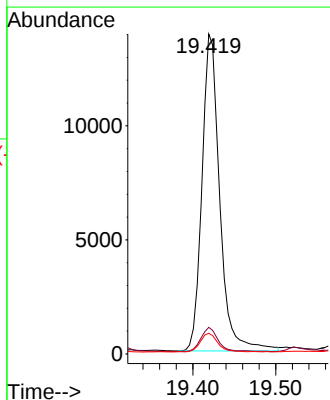
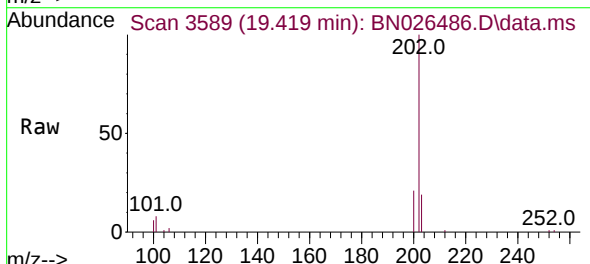
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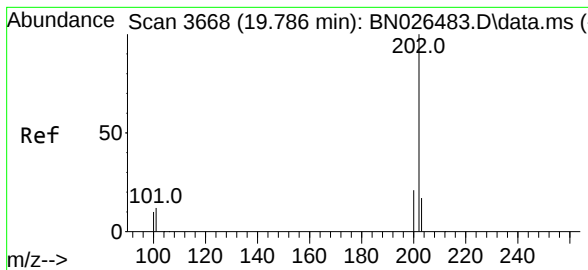
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#19
Fluoranthene
Concen: 0.542 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.009 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50

Tgt Ion:202 Resp: 20694
Ion Ratio Lower Upper
202 100
101 8.3 7.0 10.4
100 6.5 6.0 9.0





#20

Pyrene

Concen: 0.424 ng/ul

RT: 19.782 min Scan# 3667

Delta R.T. -0.014 min

Lab File: BN026486.D

Acq: 13 Jul 2023 10:50

Instrument :

BNA_N

ClientSampleId :

A4634

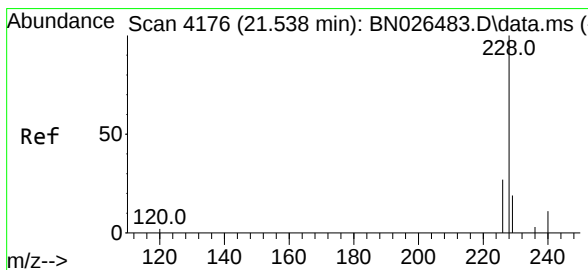
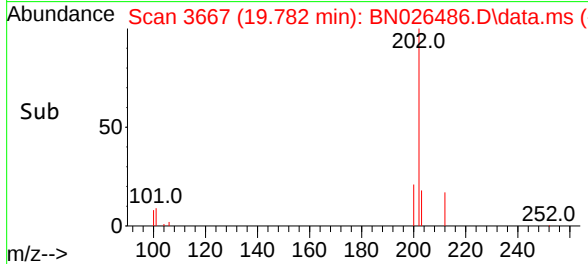
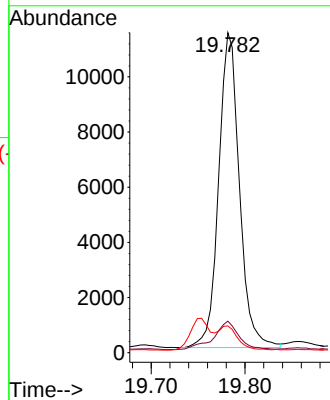
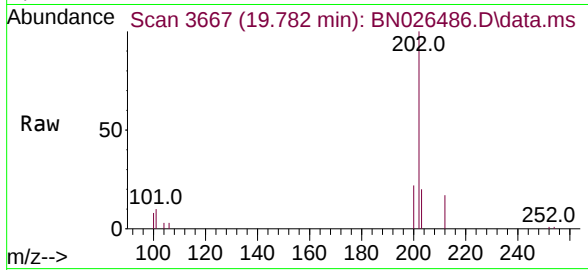
Tgt Ion:202 Resp: 17580
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.0 12.0
 100 8.4 6.2 9.2

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Supervised By :mohammad ahmed 07/14/2023



#21

Benzo(a)anthracene

Concen: 0.296 ng/ul

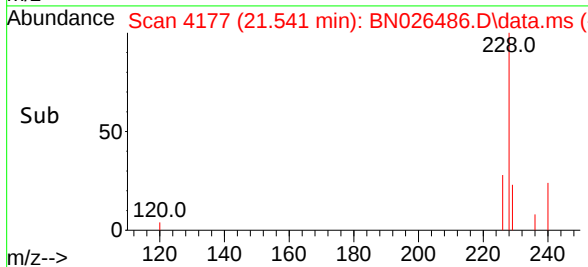
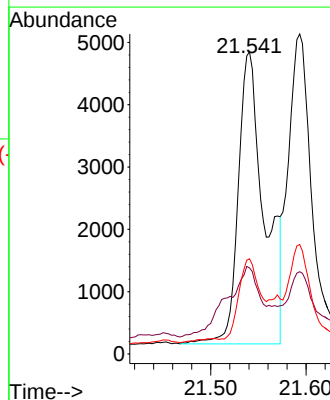
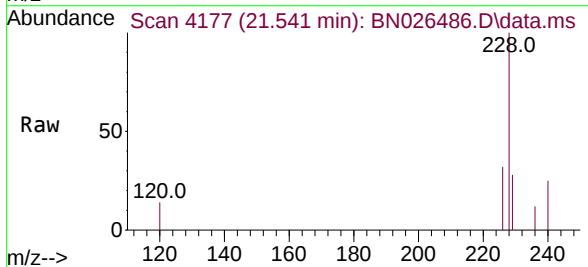
RT: 21.541 min Scan# 4177

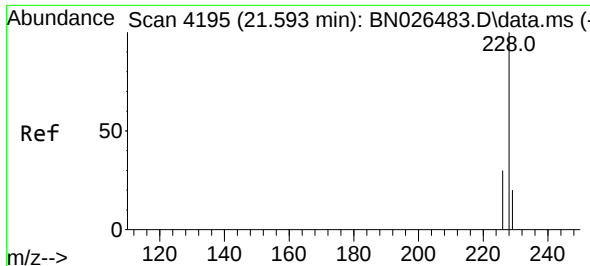
Delta R.T. -0.006 min

Lab File: BN026486.D

Acq: 13 Jul 2023 10:50

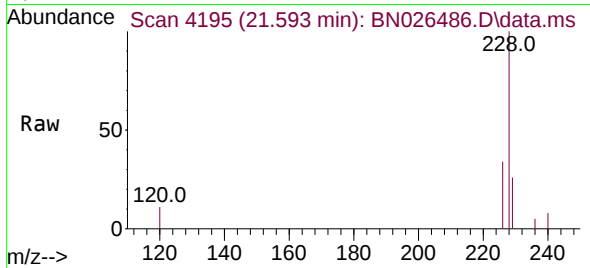
Tgt Ion:228 Resp: 8870
 Ion Ratio Lower Upper
 228 100
 229 28.5 16.7 25.1#
 226 31.5 23.5 35.3





#22
Chrysene
Concen: 0.241 ng/ul
RT: 21.593 min Scan# 4195
Delta R.T. -0.009 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50

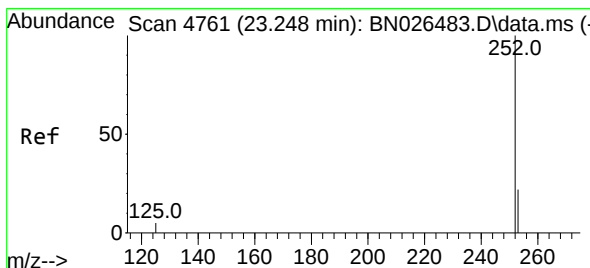
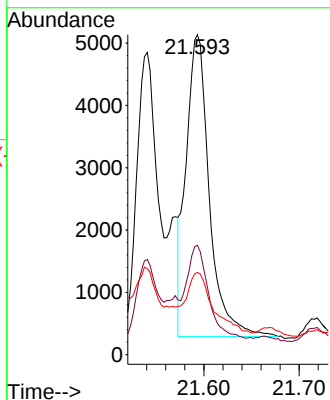
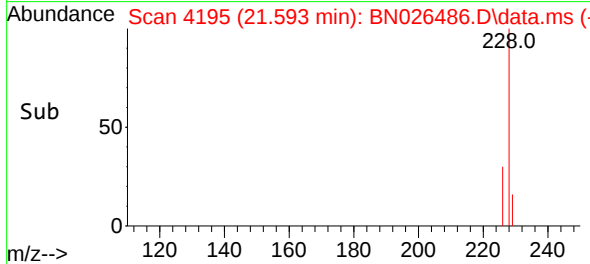
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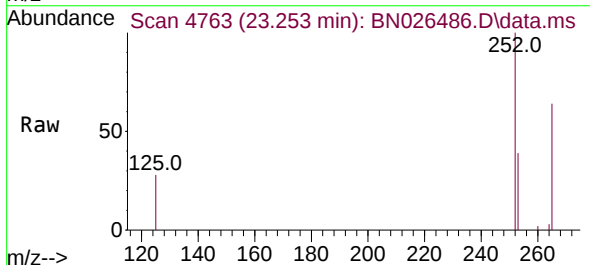
Tgt Ion:228 Resp: 8190
Ion Ratio Lower Upper
228 100
226 34.2 25.2 37.8
229 25.7 16.4 24.6

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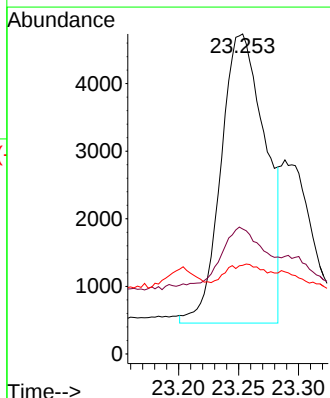
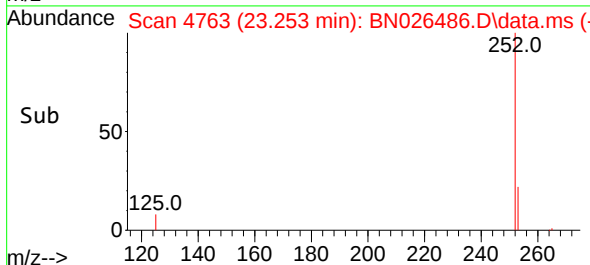
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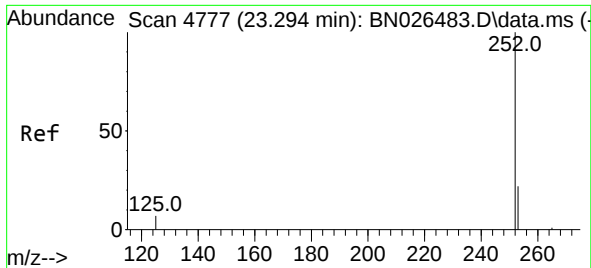


#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.006 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50



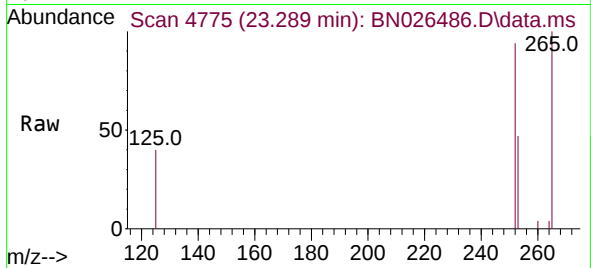
Tgt Ion:252 Resp: 11004
Ion Ratio Lower Upper
252 100
253 39.0 0.0 68.6
125 27.7 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.131 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.020 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50

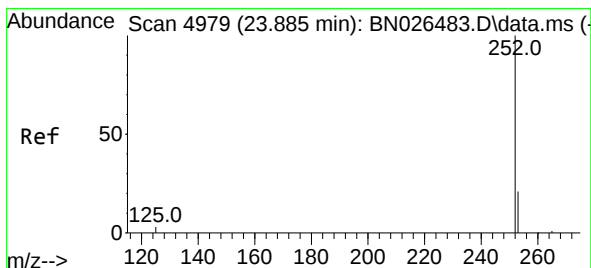
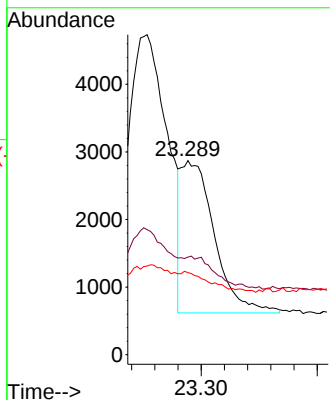
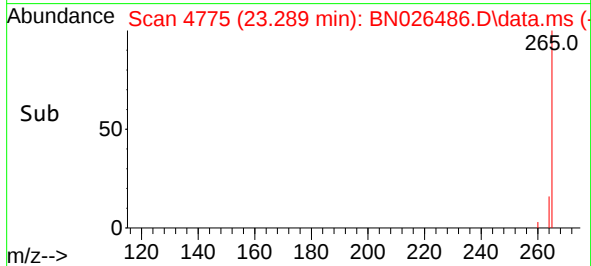
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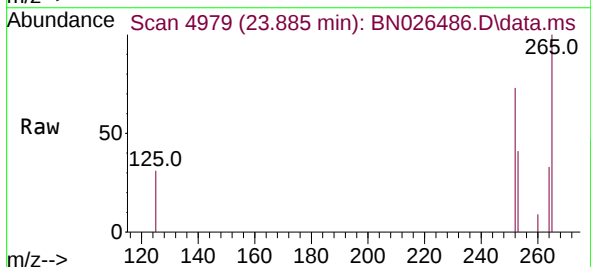
Tgt Ion:252 Resp: 4495
Ion Ratio Lower Upper
252 100
253 50.3 27.2 40.8#
125 42.3 13.4 20.2#

Manual Integrations
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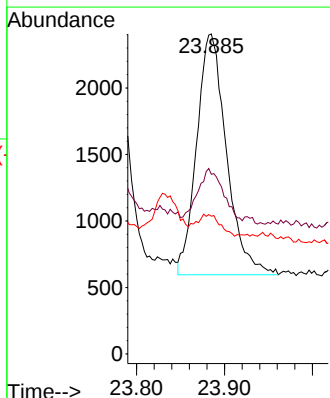
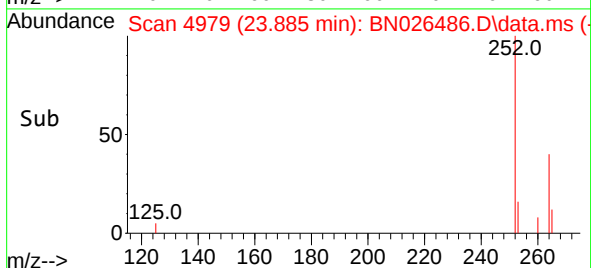
Reviewed By :Yogesh Patel 07/14/2023
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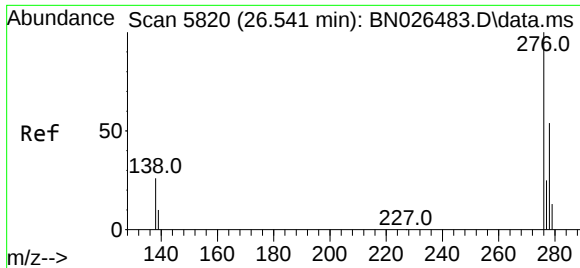


#26
Benzo(a)pyrene
Concen: 0.146 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.012 min
Lab File: BN026486.D
Acq: 13 Jul 2023 10:50



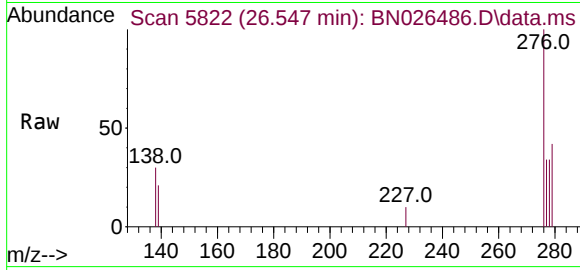
Tgt Ion:252 Resp: 4272
Ion Ratio Lower Upper
252 100
253 56.2 32.6 49.0#
125 43.1 19.3 28.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.116 ng/ul
 RT: 26.547 min Scan# 5820
 Delta R.T. -0.010 min
 Lab File: BN026486.D
 Acq: 13 Jul 2023 10:50

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 4430
 Ion Ratio Lower Upper
 276 100
 138 16.4 22.2 33.4
 227 0.0 0.1 0.1

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 Supervised By :mohammad ahmed 07/14/2023

