

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026487.D
 Acq On : 13 Jul 2023 11:26
 Operator : MA/JU
 Sample : 03414-20MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 04:14:53 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	3121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	9783	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.616	164	6601	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	20360	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.546	240	8723	0.400	ng/ul	#-0.02
23) Perylene-d12	23.981	264	11361	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	928	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	2521	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	5466	0.181	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	2053	0.528	ng/ul#	54
5) Naphthalene	10.842	128	612441	22.798	ng/ul	97
7) 2-Methylnaphthalene	12.447	142	128668	8.441	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	82219	5.036	ng/ul	99
10) Acenaphthylene	14.339	152	45986	1.423	ng/ul#	96
11) Acenaphthene	14.677	153	152089	6.176	ng/ul	98
12) Fluorene	15.662	166	176006	6.813	ng/ul	98
14) Pentachlorophenol	17.022	266	829	0.161	ng/ul	95
15) Phenanthrene	17.402	178	2832868	43.688	ng/ul	97
16) Anthracene	17.490	178	411794	7.318	ng/ul	95
19) Fluoranthene	19.419	202	2574514	62.965	ng/ul	97
20) Pyrene	19.782	202	2164520	48.745	ng/ul	98
21) Benzo(a)anthracene	21.529	228	849274	26.494	ng/ul	98
22) Chrysene	21.584	228	875916	24.005	ng/ul	97
24) Benzo(b)fluoranthene	23.242	252	922563m	20.843	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	343125m	7.396	ng/ul	
26) Benzo(a)pyrene	23.873	252	537851	13.652	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.524	276	385984	7.473	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.527	278	108659m	2.742	ng/ul	
29) Benzo(g,h,i)perylene	27.309	276	39905	0.875	ng/ul#	92

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

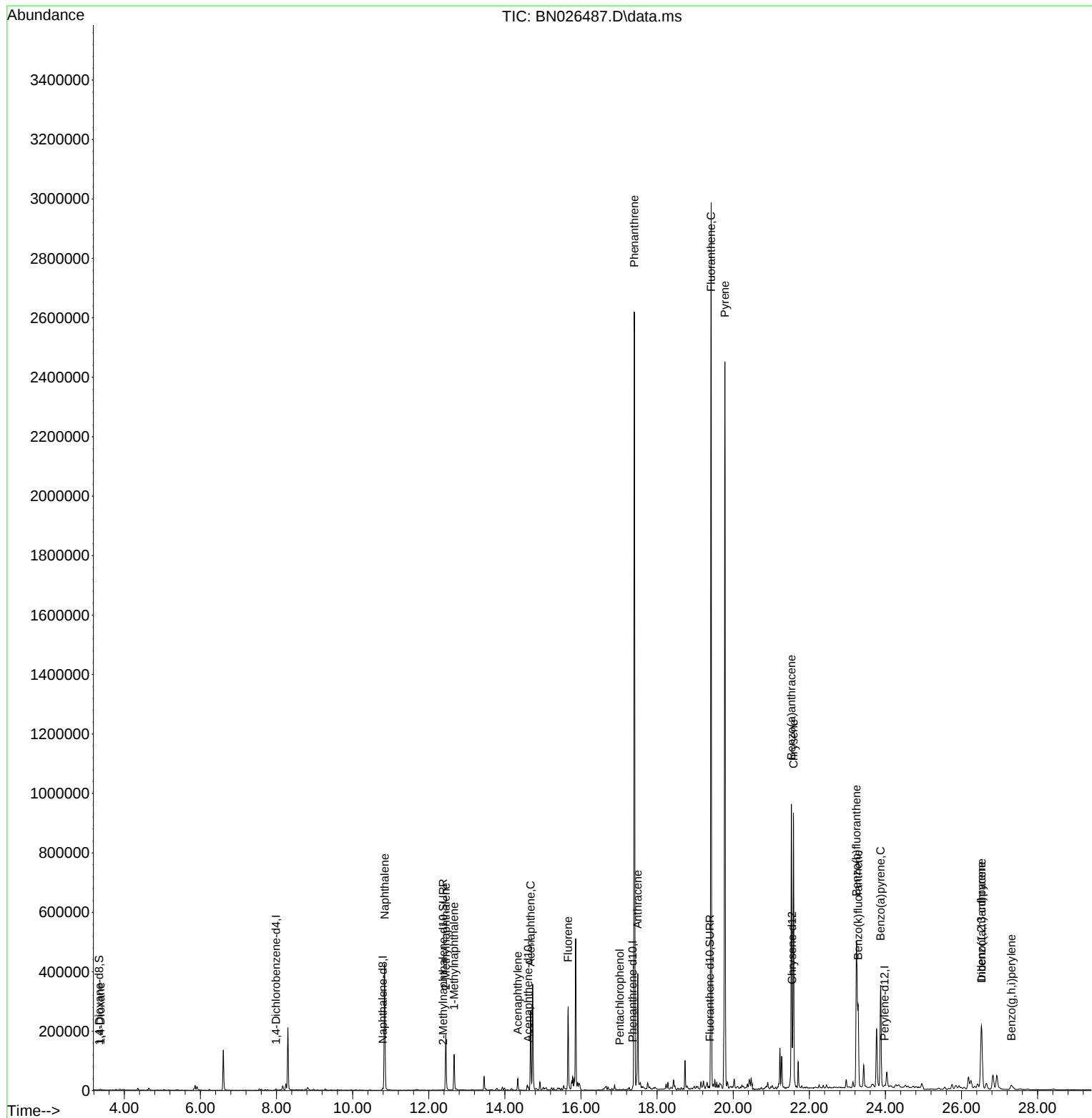
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026487.D
Acq On : 13 Jul 2023 11:26
Operator : MA/JU
Sample : 03414-20MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

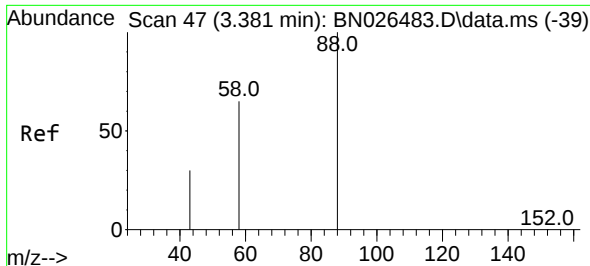
Instrument :
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ClientSampleId :
A4634MS

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

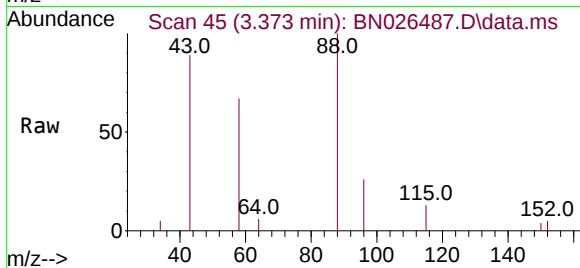
Quant Time: Jul 14 04:14:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.528 ng/ul
RT: 3.373 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

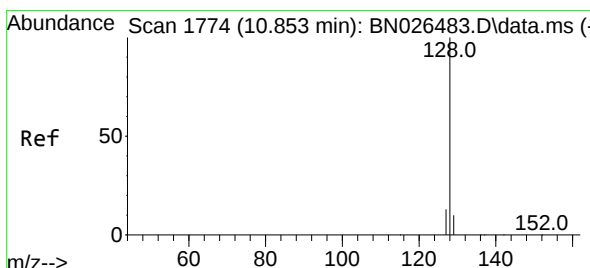
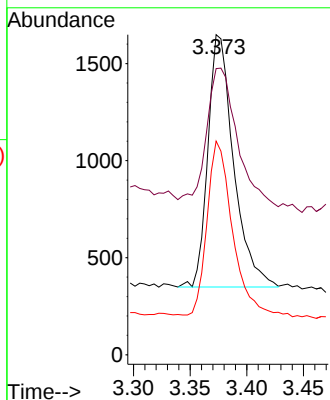
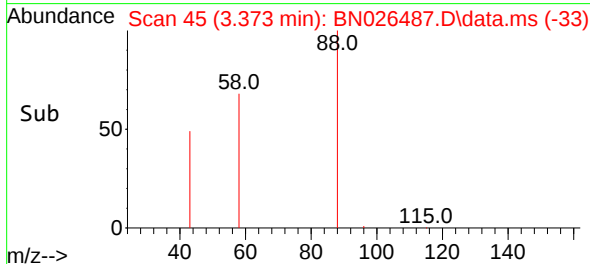
Instrument :
BNA_N
ClientSampleId :
A4634MS



Tgt Ion: 88 Resp: 205
Ion Ratio Lower Upper
88 100
43 89.4 33.0 49.6
58 66.8 41.7 62.5

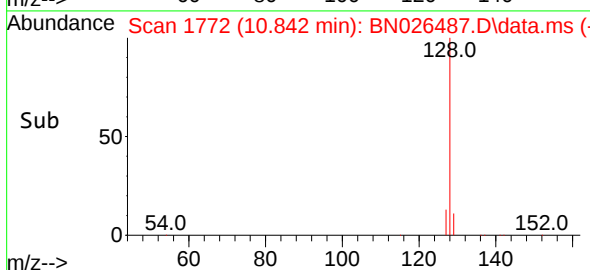
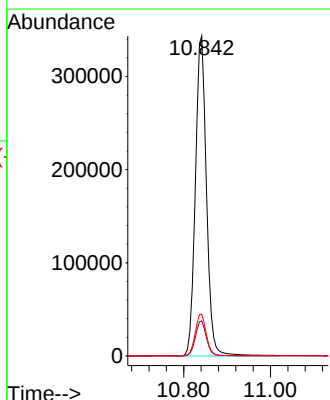
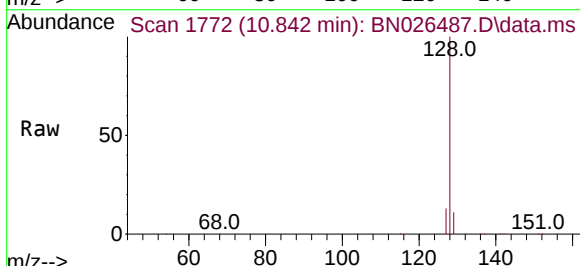
Manual Integrations
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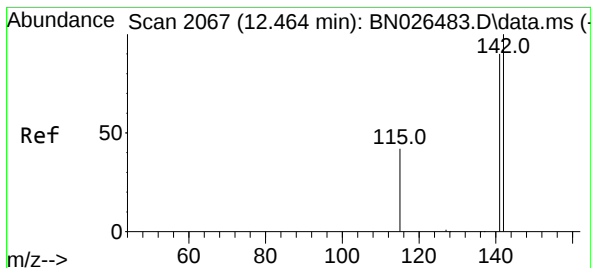
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#5
Naphthalene
Concen: 22.798 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

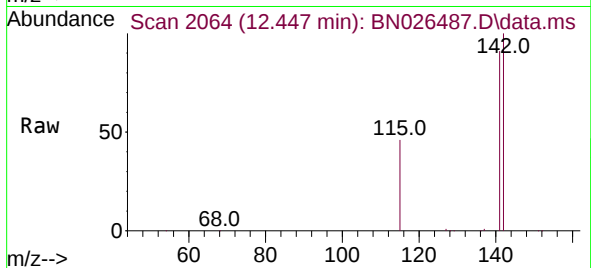
Tgt Ion:128 Resp: 612441
Ion Ratio Lower Upper
128 100
129 11.0 10.2 15.2
127 13.1 11.4 17.0





#7
2-Methylnaphthalene
Concen: 8.441 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

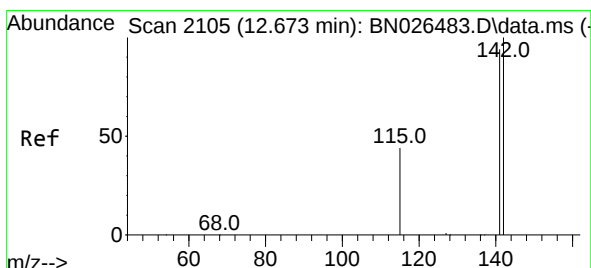
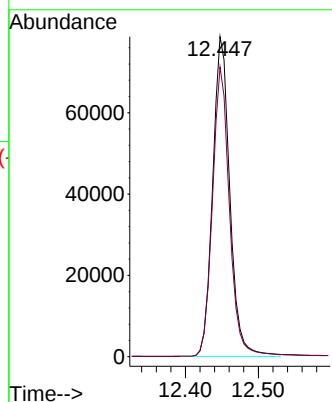
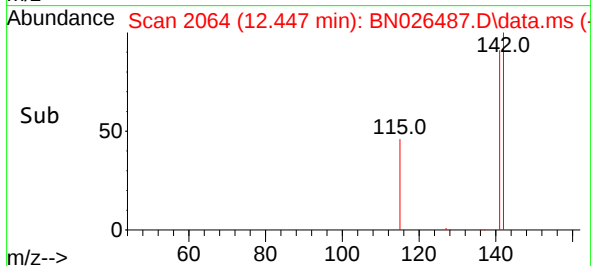
Instrument :
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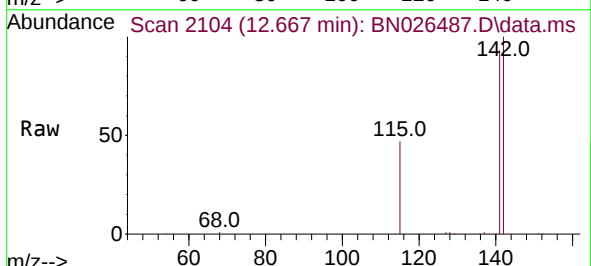
Tgt Ion:142 Resp: 128668
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5

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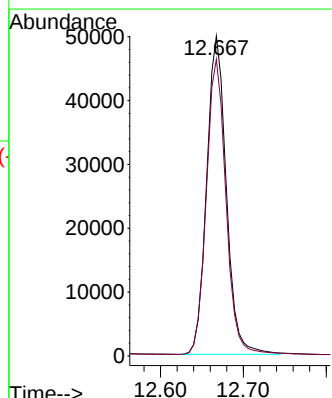
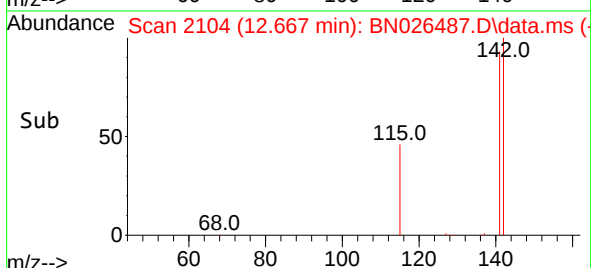
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

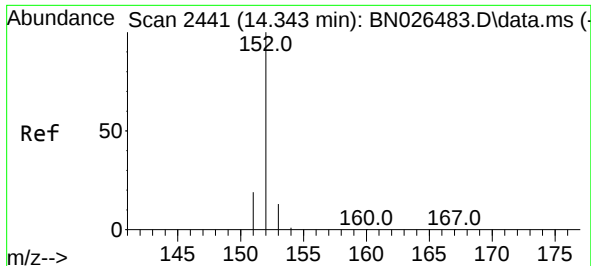


#8
1-Methylnaphthalene
Concen: 5.036 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26



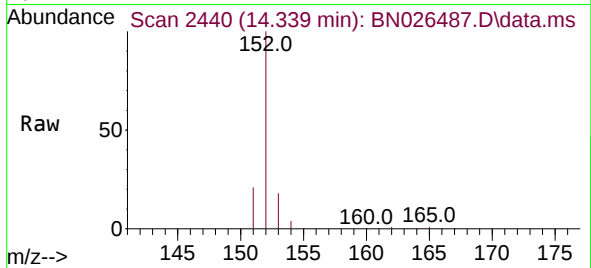
Tgt Ion:142 Resp: 82219
Ion Ratio Lower Upper
142 100
141 92.5 74.5 111.7





#10
Acenaphthylene
Concen: 1.423 ng/ul
RT: 14.339 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

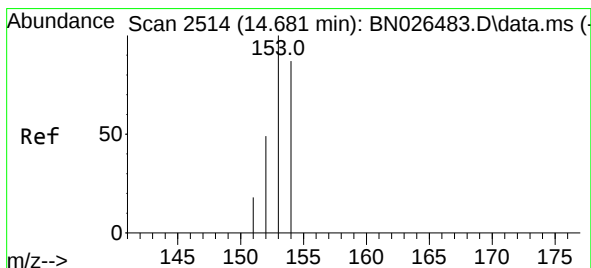
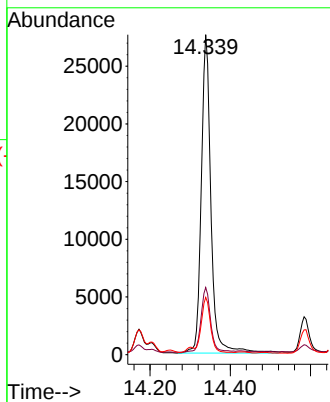
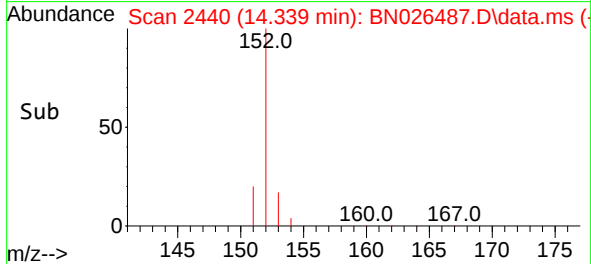
Instrument :
BNA_N
ClientSampleId :
A4634MS



Tgt Ion:152 Resp: 45980
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6
153 17.9 11.4 17.2

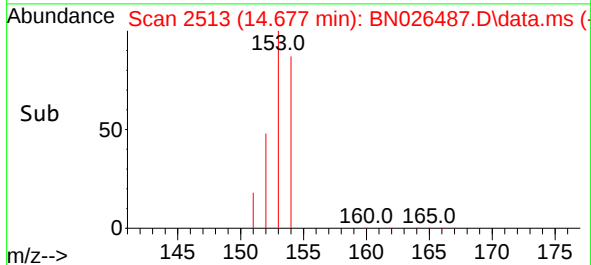
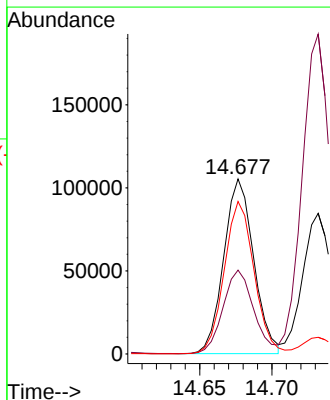
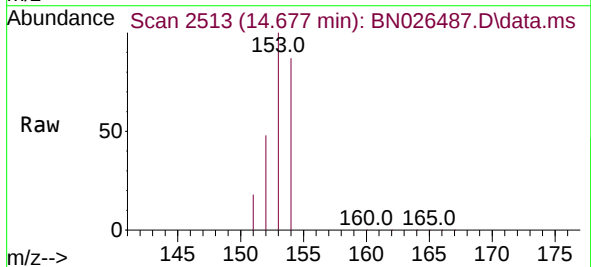
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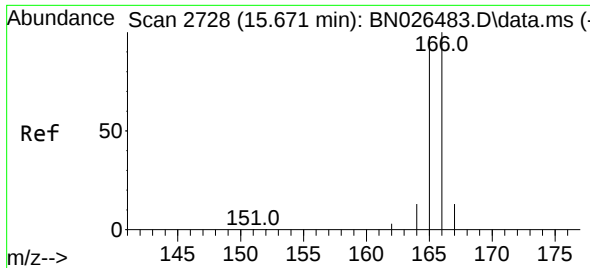
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#11
Acenaphthene
Concen: 6.176 ng/ul
RT: 14.677 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

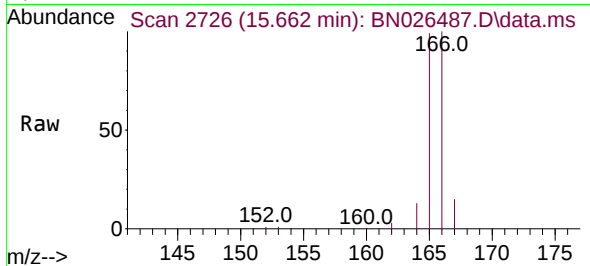
Tgt Ion:153 Resp: 152089
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 87.1 69.3 103.9





#12
Fluorene
Concen: 6.813 ng/ul
RT: 15.662 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

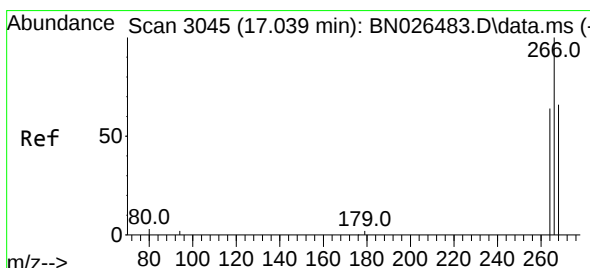
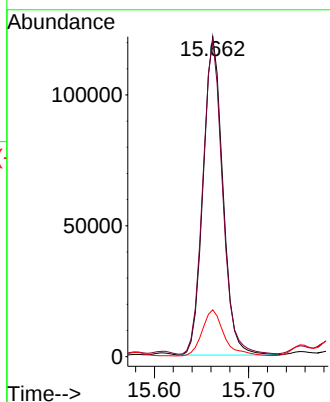
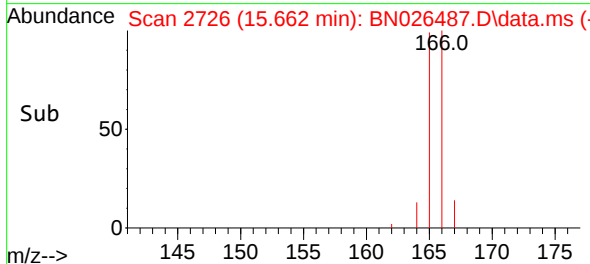
Instrument :
BNA_N
ClientSampleId :
A4634MS



Tgt Ion:166 Resp: 176000
Ion Ratio Lower Upper
166 100
165 99.0 80.6 120.8
167 14.6 12.0 18.0

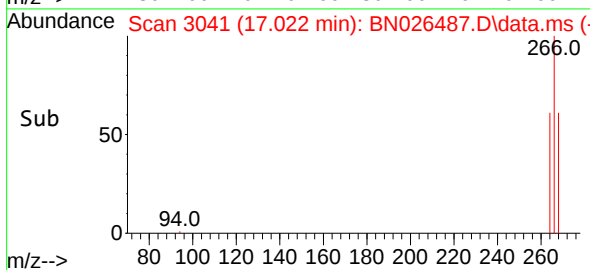
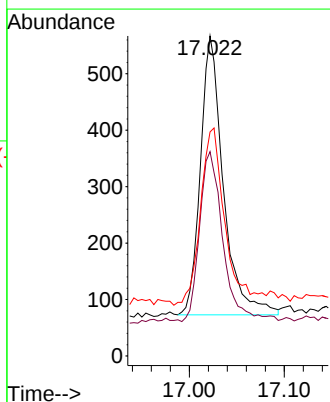
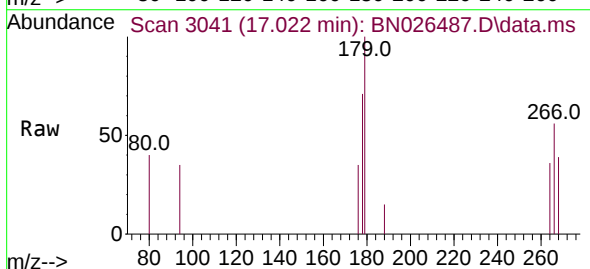
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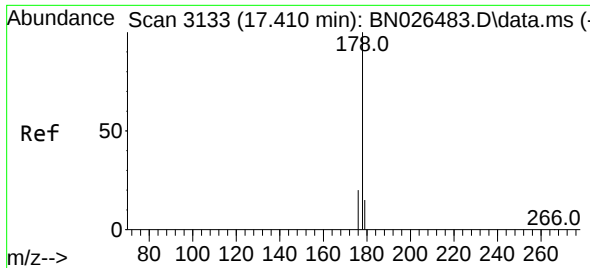
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#14
Pentachlorophenol
Concen: 0.161 ng/ul
RT: 17.022 min Scan# 3041
Delta R.T. -0.008 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

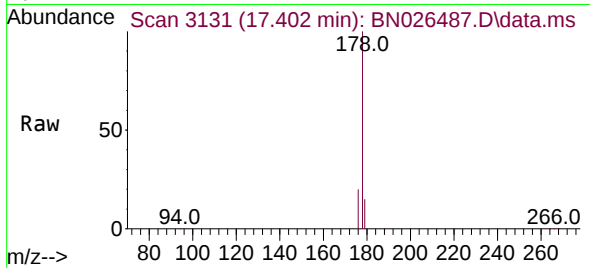
Tgt Ion:266 Resp: 829
Ion Ratio Lower Upper
266 100
264 62.1 52.0 78.0
268 71.7 53.0 79.6





#15
Phenanthrene
Concen: 43.688 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

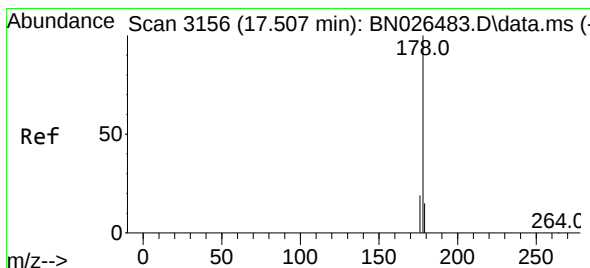
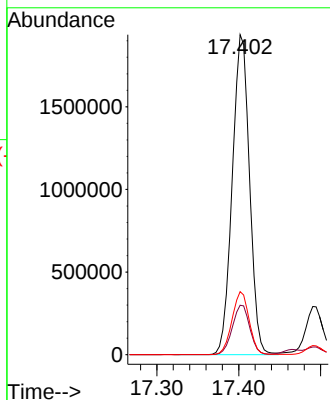
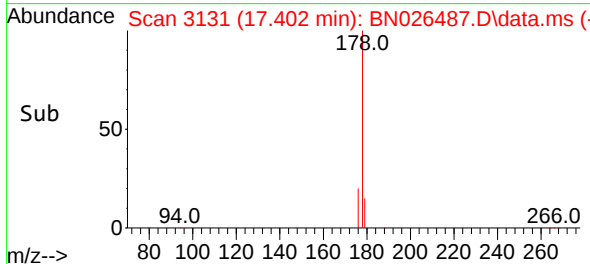
Instrument :
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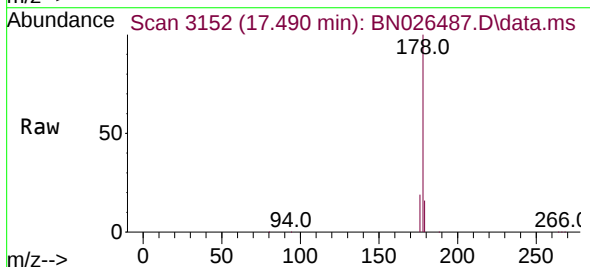
Tgt Ion:178 Resp: 283286
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.7 16.5 24.7

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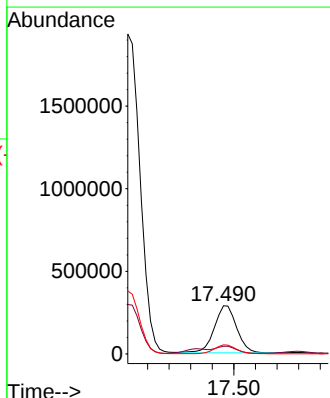
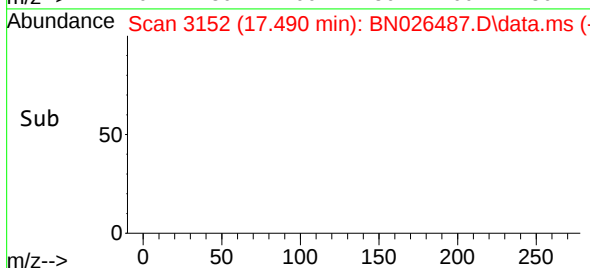
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

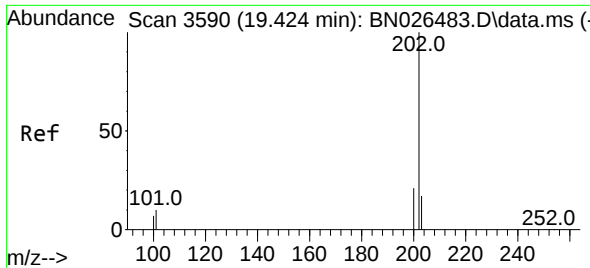


#16
Anthracene
Concen: 7.318 ng/u1
RT: 17.490 min Scan# 3152
Delta R.T. -0.013 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26



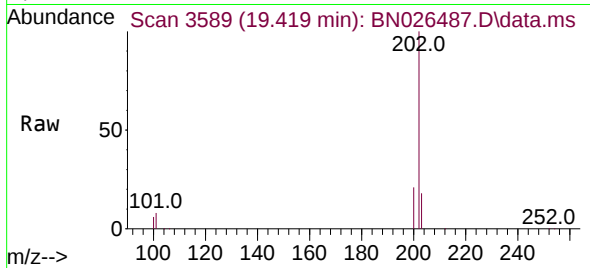
Tgt Ion:178 Resp: 411794
Ion Ratio Lower Upper
178 100
179 16.1 14.8 22.2
176 18.9 16.6 25.0





#19
Fluoranthene
Concen: 62.965 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.005 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

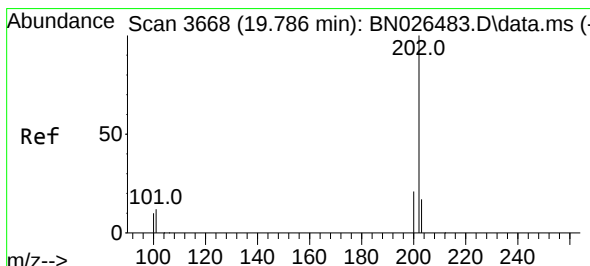
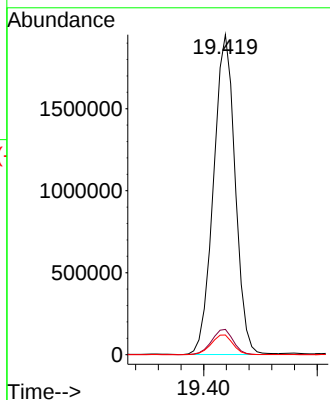
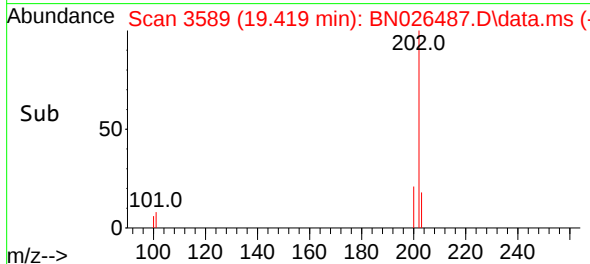
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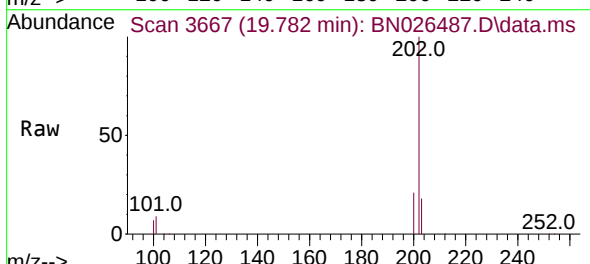
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Ion Ratio Lower Upper
202 100
101 7.9 7.0 10.4
100 6.1 6.0 9.0

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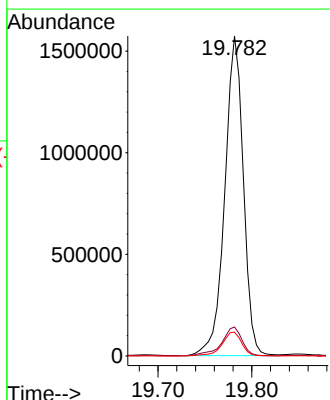
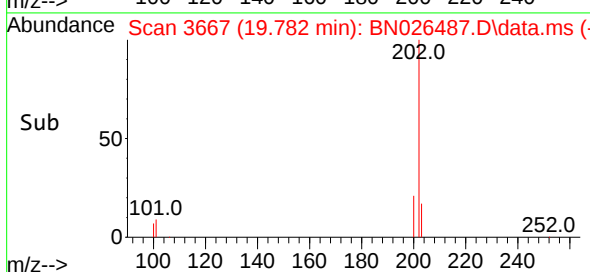
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

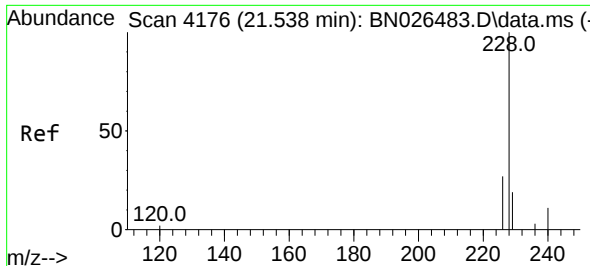


#20
Pyrene
Concen: 48.745 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.009 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26



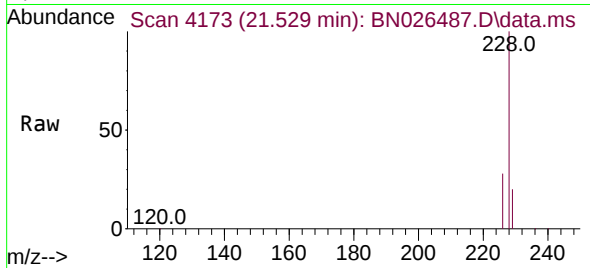
Tgt Ion:202 Resp: 2164520
Ion Ratio Lower Upper
202 100
101 9.1 8.0 12.0
100 7.5 6.2 9.2





#21
Benzo(a)anthracene
Concen: 26.494 ng/uI
RT: 21.529 min Scan# 4173
Delta R.T. -0.017 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

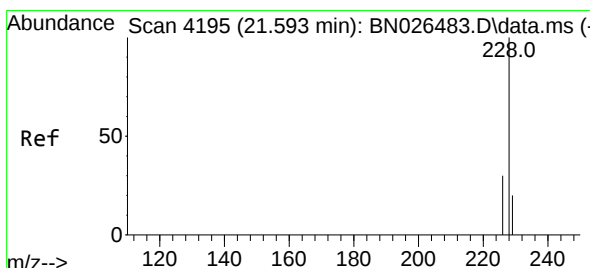
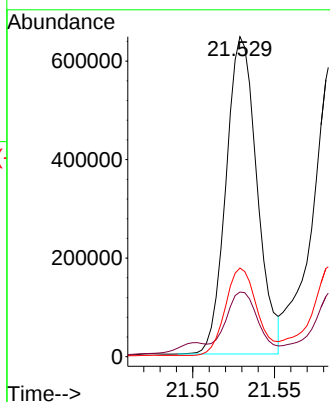
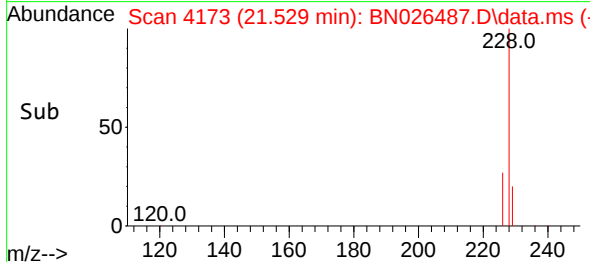
Instrument :
BNA_N
ClientSampleId :
A4634MS



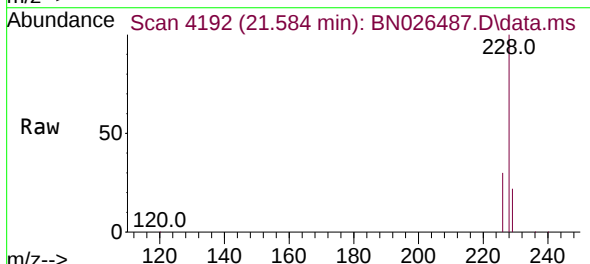
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Ion Ratio Lower Upper
228 100
229 20.2 16.7 25.1
226 27.7 23.5 35.3

Manual Integrations
APPROVED

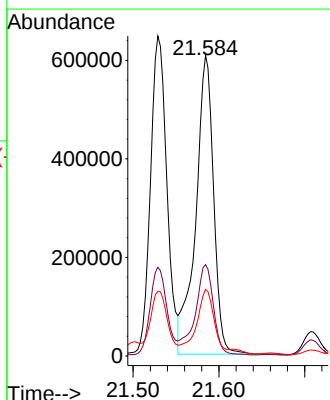
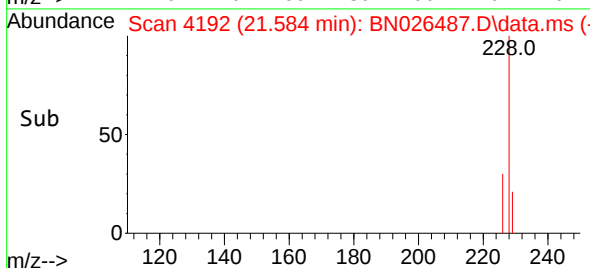
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

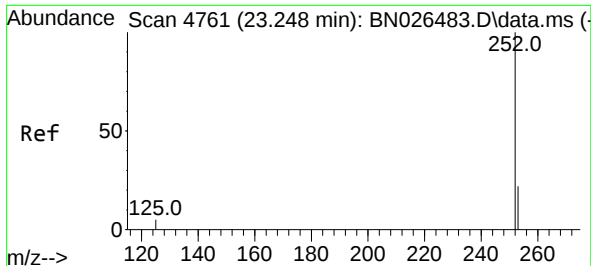


#22
Chrysene
Concen: 24.005 ng/uI
RT: 21.584 min Scan# 4192
Delta R.T. -0.014 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26



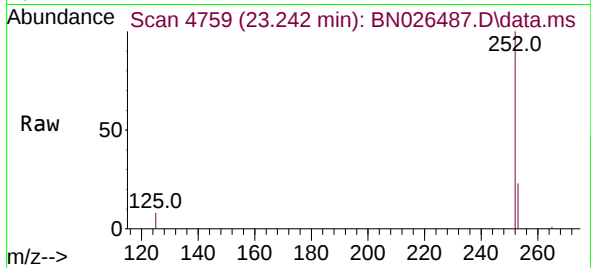
Tgt Ion:228 Resp: 875916
Ion Ratio Lower Upper
228 100
226 30.4 25.2 37.8
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 20.843 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.012 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

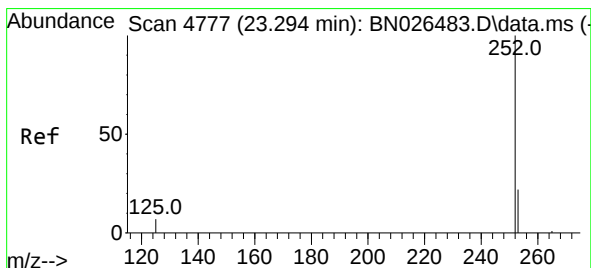
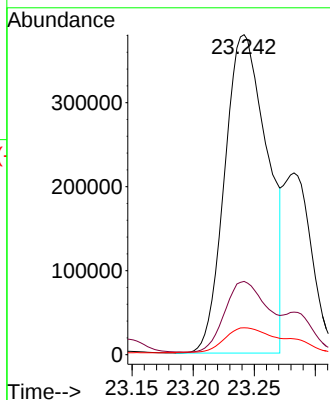
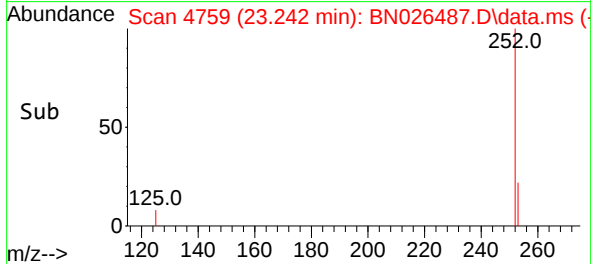
Instrument :
BNA_N
ClientSampleId :
A4634MS



Tgt Ion:252 Resp: 92256
Ion Ratio Lower Upper
252 100
253 22.9 0.0 68.6
125 8.4 0.0 34.0

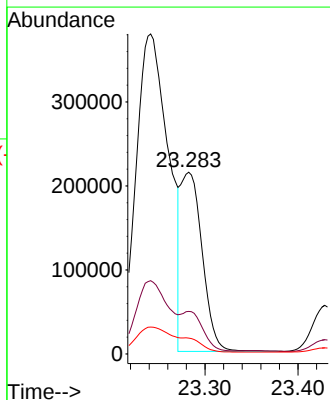
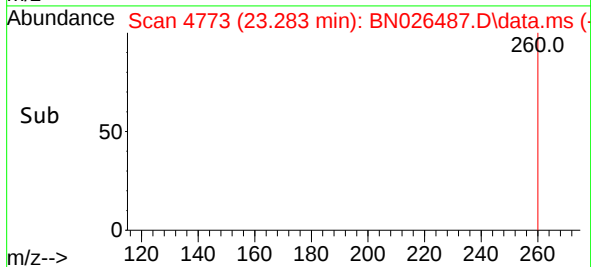
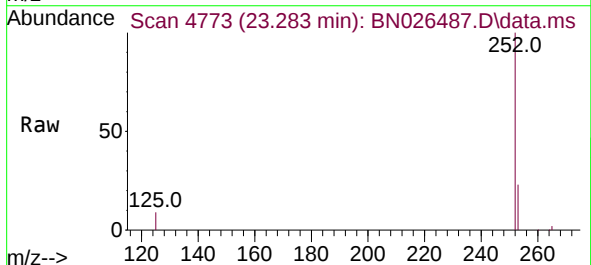
Manual Integrations
APPROVED

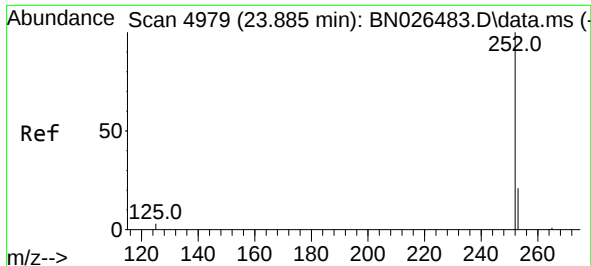
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#25
Benzo(k)fluoranthene
Concen: 7.396 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.020 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

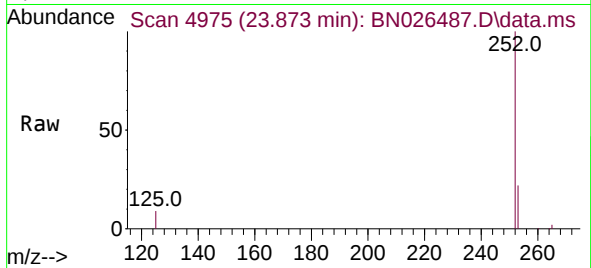
Tgt Ion:252 Resp: 343125
Ion Ratio Lower Upper
252 100
253 23.4 27.2 40.8#
125 8.7 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 13.652 ng/ul
RT: 23.873 min Scan# 4979
Delta R.T. -0.020 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

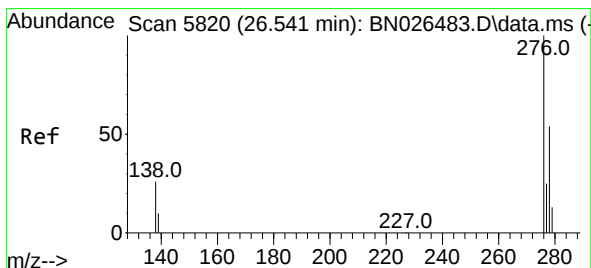
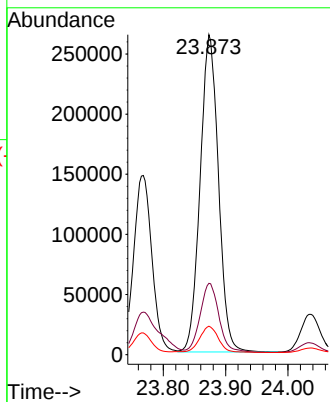
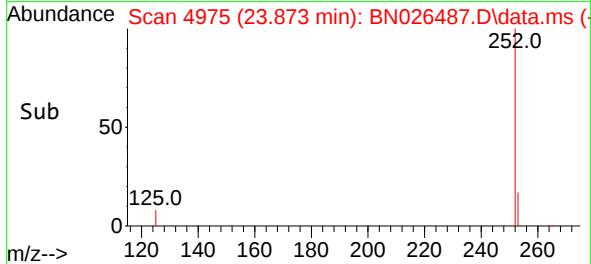
Instrument :
BNA_N
ClientSampleId :
A4634MS



Tgt Ion:252 Resp: 53785
Ion Ratio Lower Upper
252 100
253 22.3 32.6 49.0#
125 8.9 19.3 28.9#

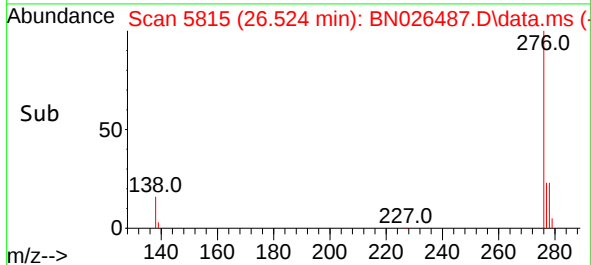
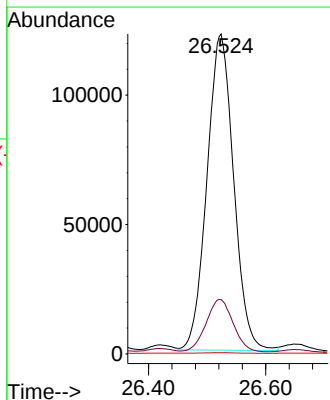
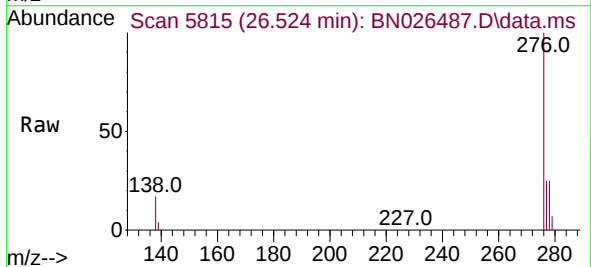
Manual Integrations
APPROVED

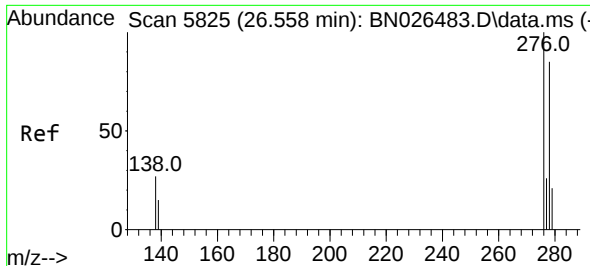
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.473 ng/ul
RT: 26.524 min Scan# 5815
Delta R.T. -0.027 min
Lab File: BN026487.D
Acq: 13 Jul 2023 11:26

Tgt Ion:276 Resp: 385984
Ion Ratio Lower Upper
276 100
138 16.8 22.2 33.4#
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 2.742 ng/ul m

RT: 26.527 min Scan# 5816

Delta R.T. -0.037 min

Lab File: BN026487.D

Acq: 13 Jul 2023 11:26

Instrument :

BNA_N

ClientSampleId :

A4634MS

Tgt Ion:278 Resp: 10865

Ion Ratio Lower Upper

278 100

139 14.9 18.9 28.3

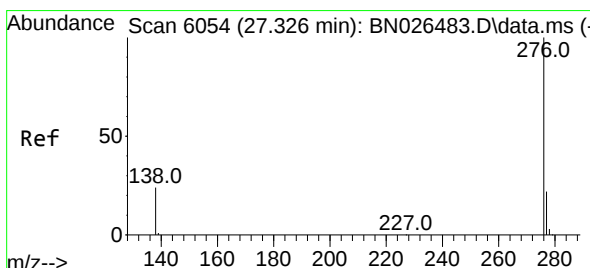
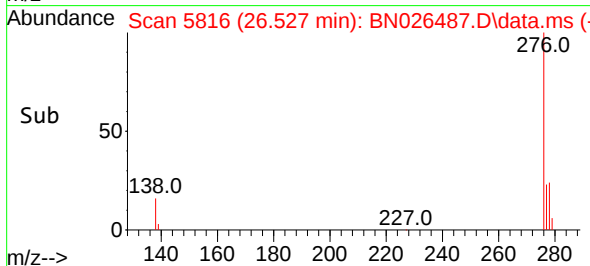
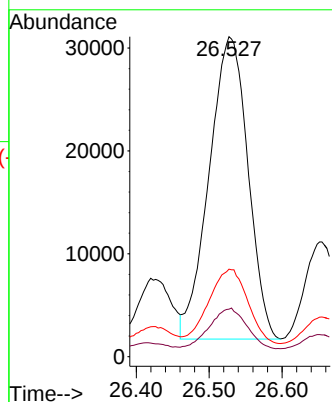
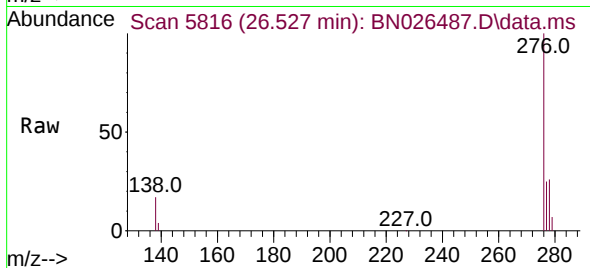
279 27.3 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/14/2023

Supervised By :mohammad ahmed 07/14/2023



#29

Benzo(g,h,i)perylene

Concen: 0.875 ng/ul

RT: 27.309 min Scan# 6049

Delta R.T. -0.023 min

Lab File: BN026487.D

Acq: 13 Jul 2023 11:26

Tgt Ion:276 Resp: 39905

Ion Ratio Lower Upper

276 100

138 21.3 22.6 34.0

277 28.3 21.8 32.8

