

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026489.D
 Acq On : 13 Jul 2023 13:18
 Operator : MA/JU
 Sample : 03414-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 04:25:12 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	7.984	152	4166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	13308	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.616	164	7570	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	15457	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	10165	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	10645	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	1576	0.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	3501	0.194	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	6330	0.180	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	8944	0.245	ng/ul	100
7) 2-Methylnaphthalene	12.458	142	729	0.035	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	594	0.027	ng/ul	99
10) Acenaphthylene	14.339	152	1101	0.030	ng/ul#	54
12) Fluorene	15.667	166	995	0.034	ng/ul#	83
15) Phenanthrene	17.402	178	15647	0.318	ng/ul	99
16) Anthracene	17.499	178	2294	0.054	ng/ul#	84
19) Fluoranthene	19.419	202	26942	0.565	ng/ul	99
20) Pyrene	19.782	202	22812	0.441	ng/ul	97
21) Benzo(a)anthracene	21.541	228	12039	0.322	ng/ul#	93
22) Chrysene	21.593	228	10327	0.243	ng/ul#	93
24) Benzo(b)fluoranthene	23.250	252	13633m	0.329	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	5012m	0.115	ng/ul	
26) Benzo(a)pyrene	23.885	252	5768	0.156	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.537	276	5876	0.121	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.544	278	1640	0.044	ng/ul#	1
29) Benzo(g,h,i)perylene	27.326	276	954	0.022	ng/ul#	16

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

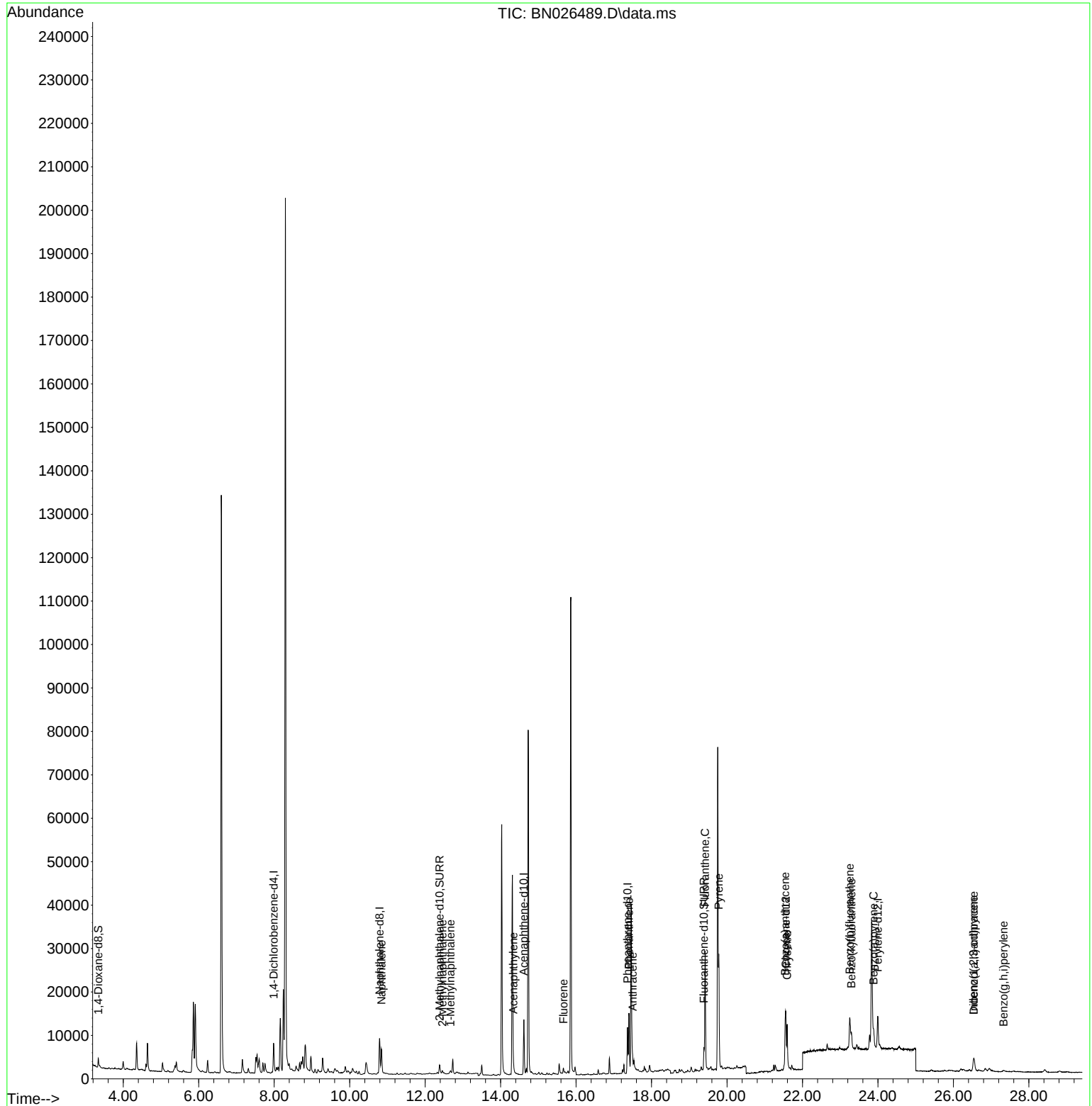
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026489.D
Acq On : 13 Jul 2023 13:18
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

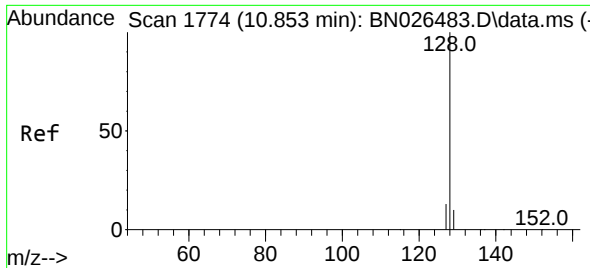
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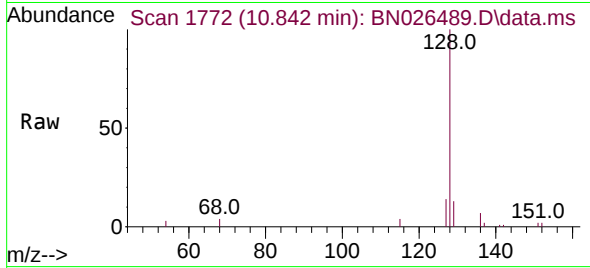
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.245 ng/ul
RT: 10.842 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

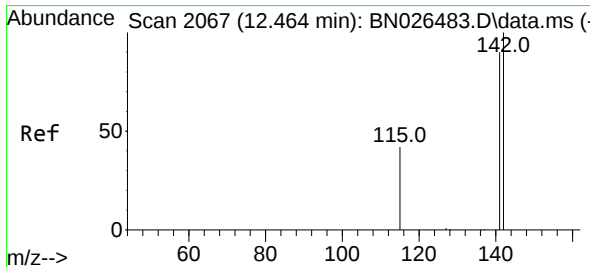
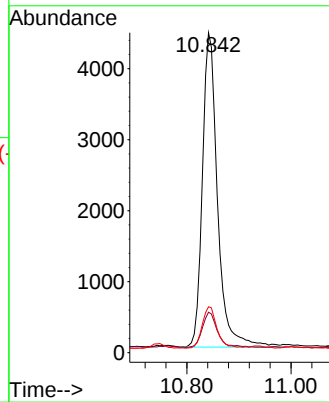
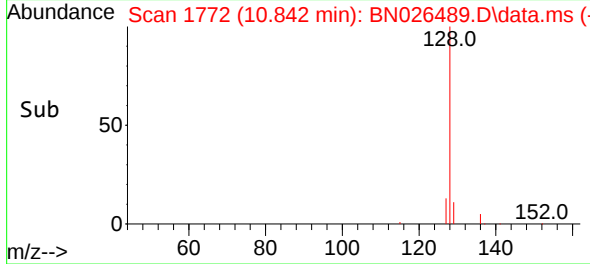
Instrument :
BNA_N
ClientSampleId :
DCGZ5



Tgt Ion:128 Resp: 894
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 14.3 11.4 17.0

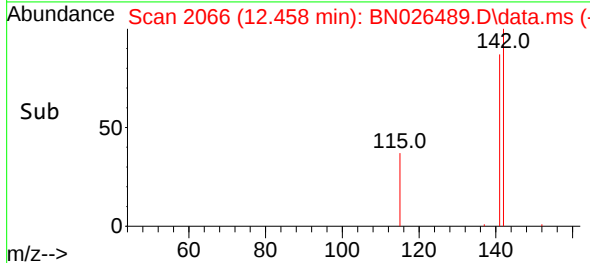
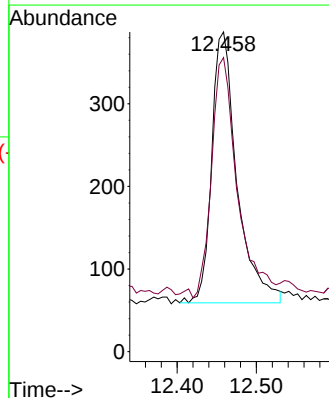
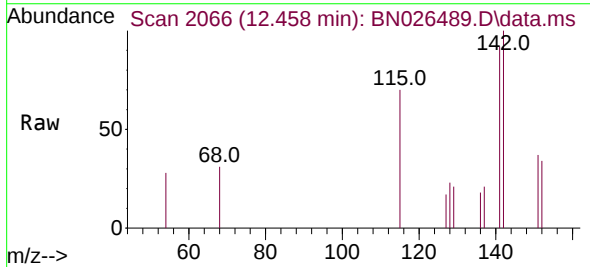
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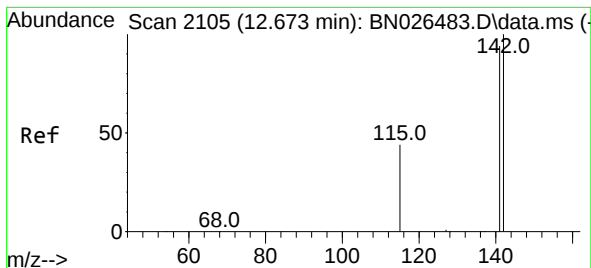
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.458 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

Tgt Ion:142 Resp: 729
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#8

1-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.673 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BN026489.D

Acq: 13 Jul 2023 13:18

Instrument :

BNA_N

ClientSampleId :

DCGZ5

Tgt Ion:142 Resp: 594

Ion Ratio Lower Upper

142 100

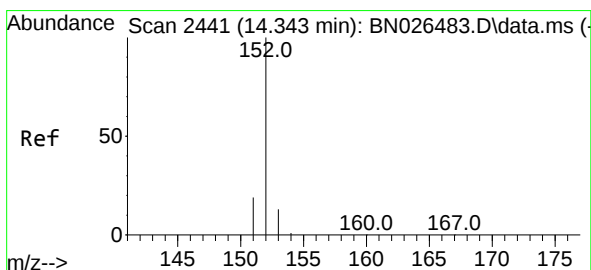
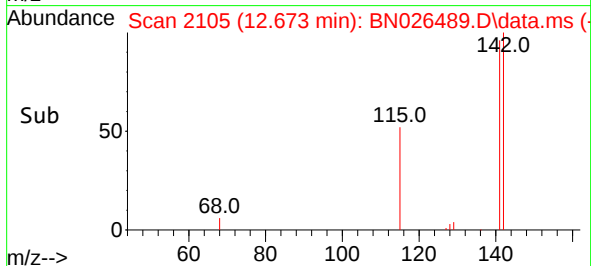
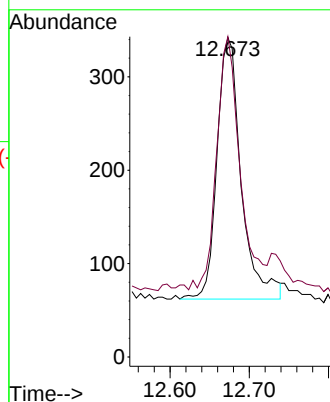
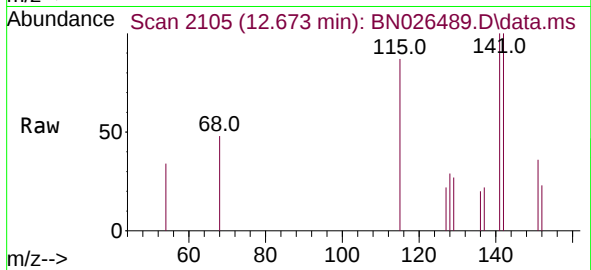
141 93.8 74.5 111.7

Manual Integrations

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#10

Acenaphthylene

Concen: 0.030 ng/ul

RT: 14.339 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BN026489.D

Acq: 13 Jul 2023 13:18

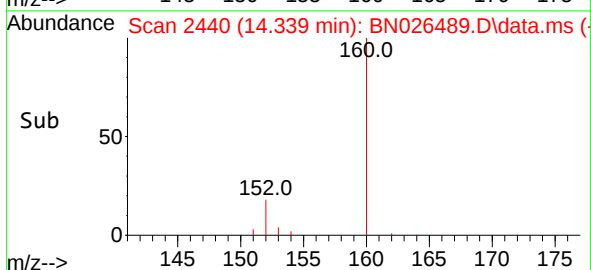
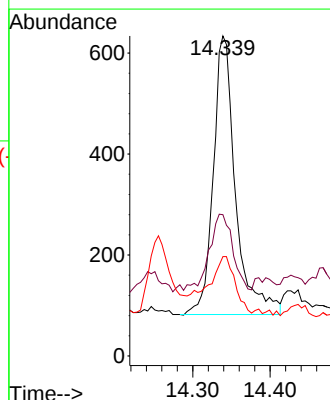
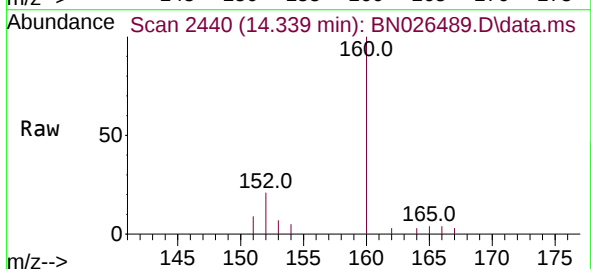
Tgt Ion:152 Resp: 1101

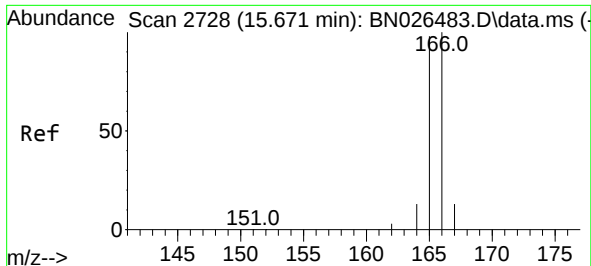
Ion Ratio Lower Upper

152 100

151 44.2 17.0 25.6#

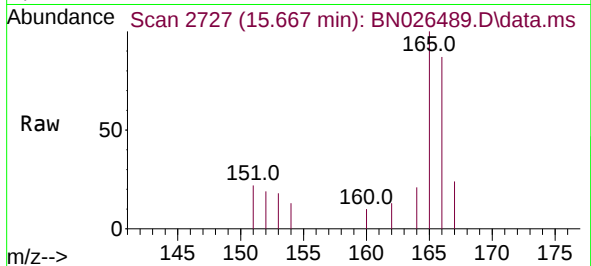
153 31.1 11.4 17.2#





#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.667 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

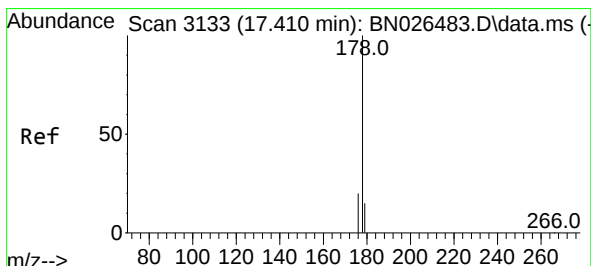
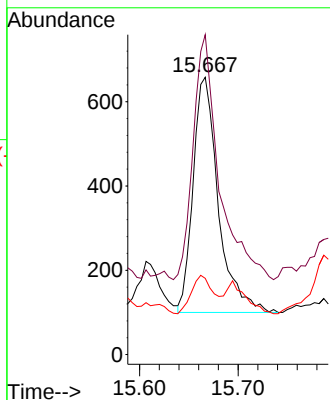
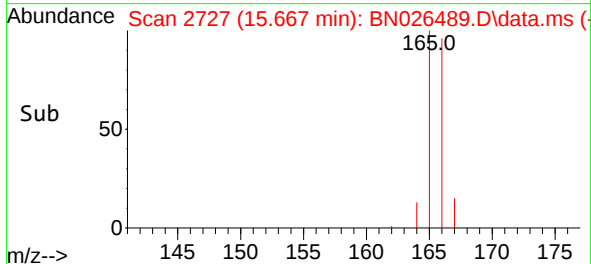
Instrument :
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ClientSampleId :
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Tgt Ion:166 Resp: 99
Ion Ratio Lower Upper
166 100
165 115.3 80.6 120.8
167 27.5 12.0 18.0

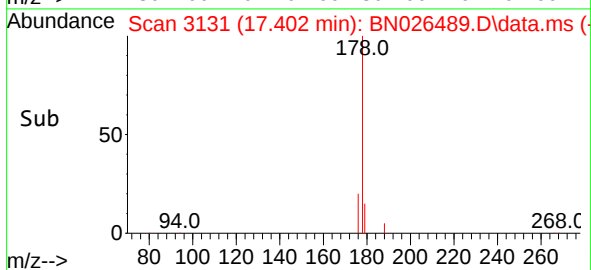
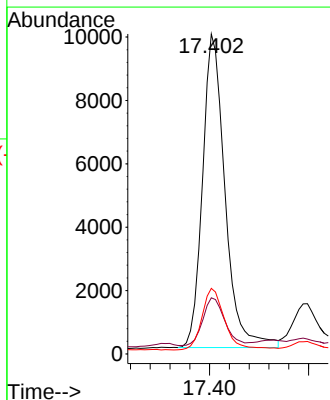
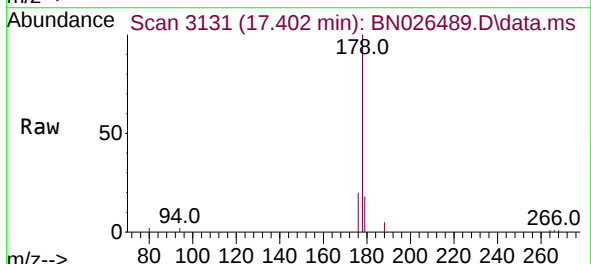
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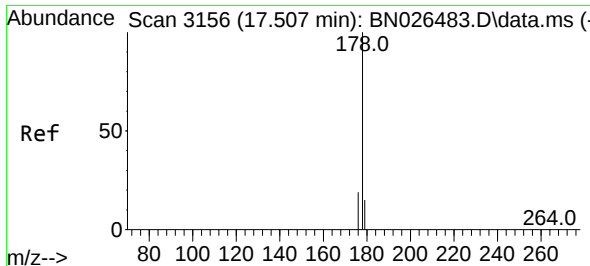
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

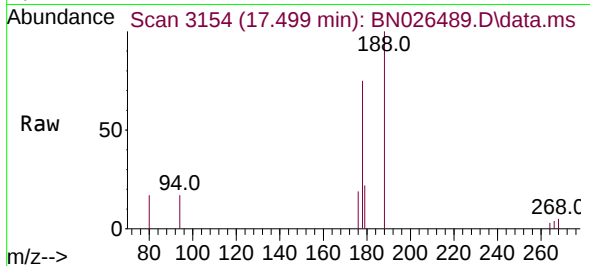
Tgt Ion:178 Resp: 15647
Ion Ratio Lower Upper
178 100
179 17.5 13.7 20.5
176 20.5 16.5 24.7





#16
 Anthracene
 Concen: 0.054 ng/ul
 RT: 17.499 min Scan# 3156
 Delta R.T. -0.004 min
 Lab File: BN026489.D
 Acq: 13 Jul 2023 13:18

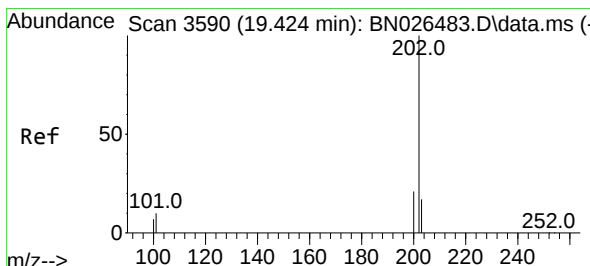
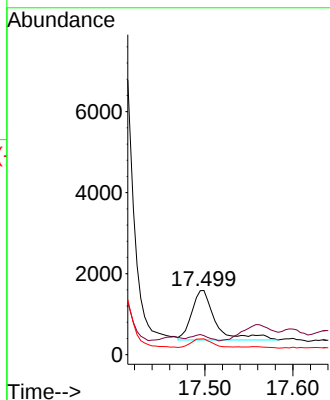
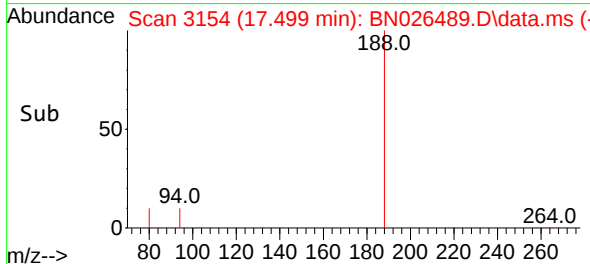
Instrument :
 BNA_N
 ClientSampleId :
 DCGZ5



Tgt Ion:178 Resp: 2294
 Ion Ratio Lower Upper
 178 100
 179 29.8 14.8 22.2
 176 24.7 16.6 25.0

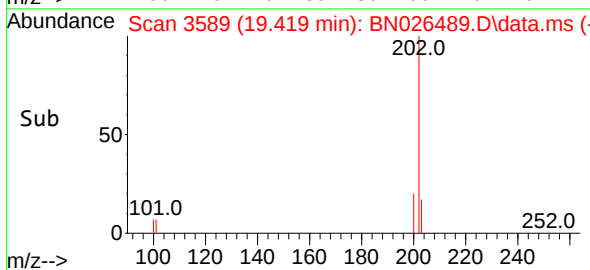
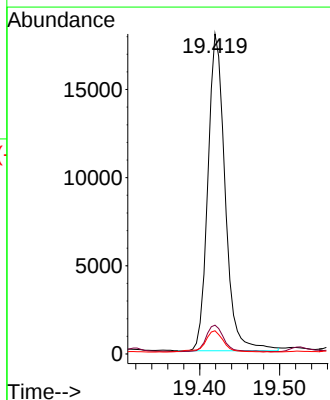
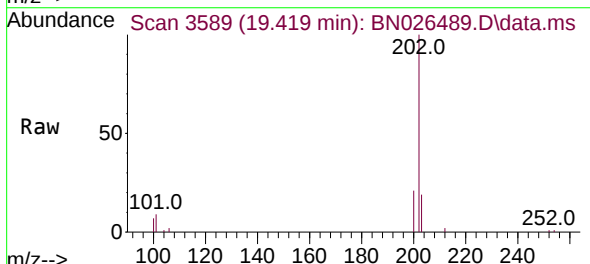
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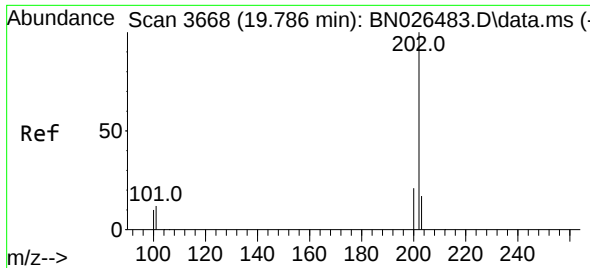
Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.565 ng/ul
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.004 min
 Lab File: BN026489.D
 Acq: 13 Jul 2023 13:18

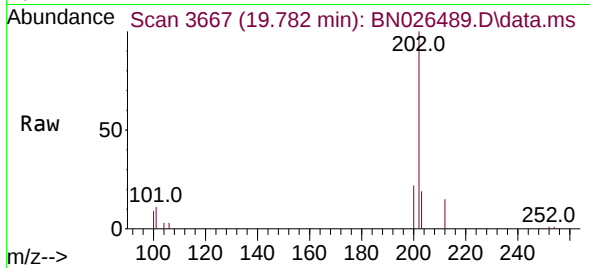
Tgt Ion:202 Resp: 26942
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.0 10.4
 100 7.3 6.0 9.0





#20
Pyrene
Concen: 0.441 ng/ul
RT: 19.782 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

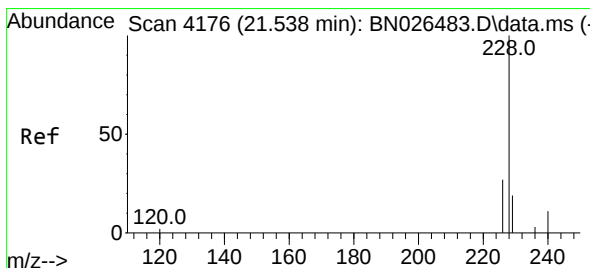
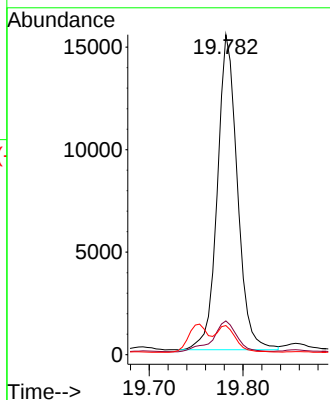
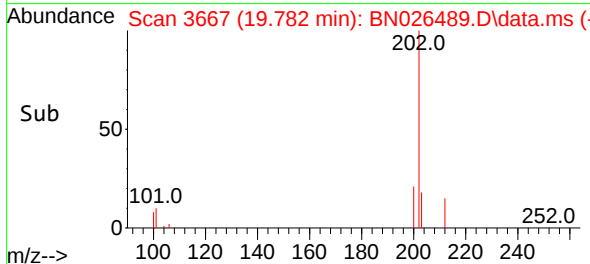
Instrument :
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ClientSampleId :
DCGZ5



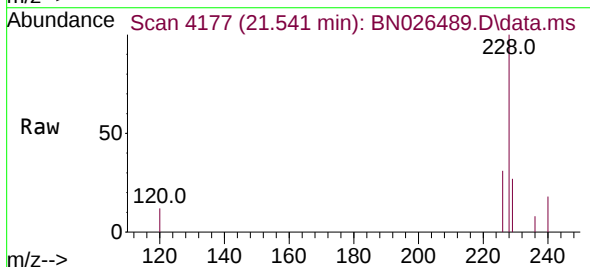
Tgt Ion:202 Resp: 2281
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 9.1 6.2 9.2

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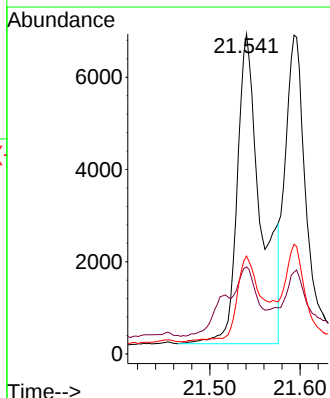
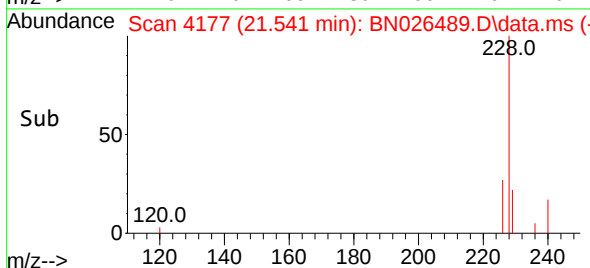
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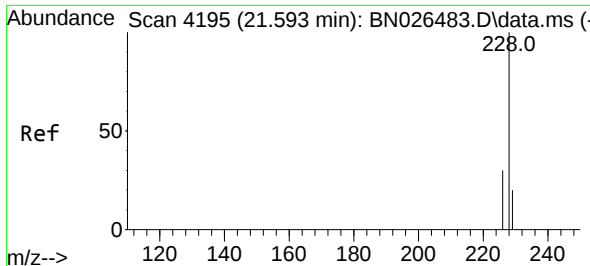


#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18



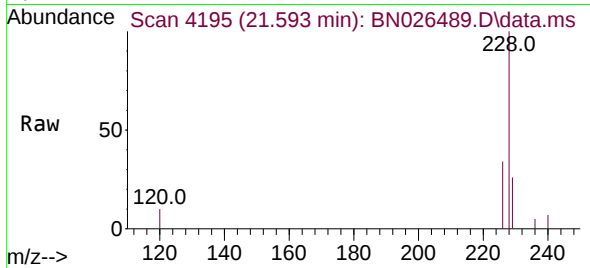
Tgt Ion:228 Resp: 12039
Ion Ratio Lower Upper
228 100
229 27.2 16.7 25.1#
226 30.6 23.5 35.3





#22
Chrysene
Concen: 0.243 ng/ul
RT: 21.593 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

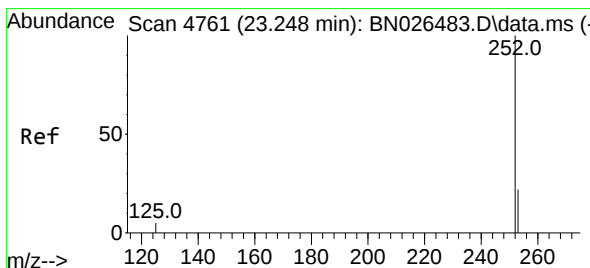
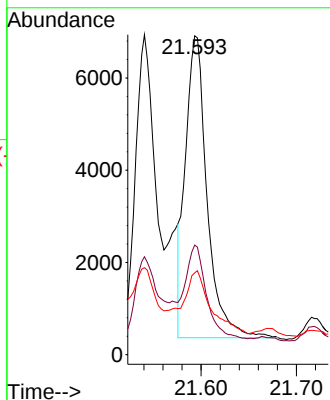
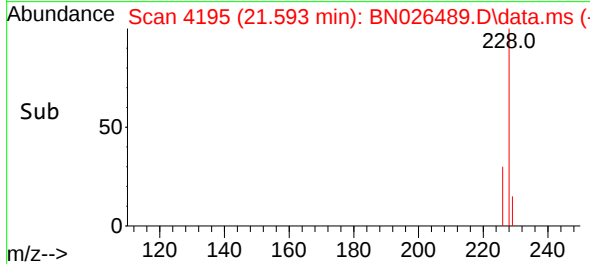
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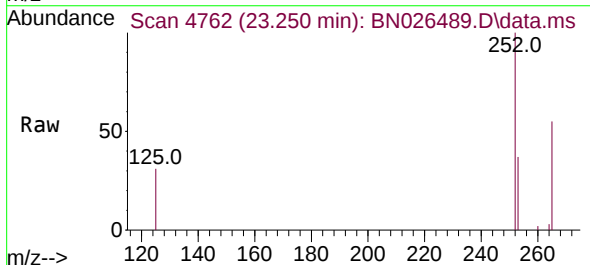
Tgt Ion:228 Resp: 10327
Ion Ratio Lower Upper
228 100
226 34.4 25.2 37.8
229 25.6 16.4 24.6

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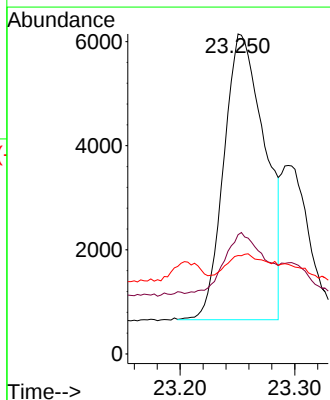
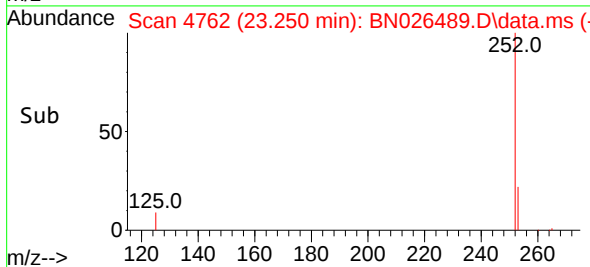
Reviewed By :Yogesh Patel 07/17/2023
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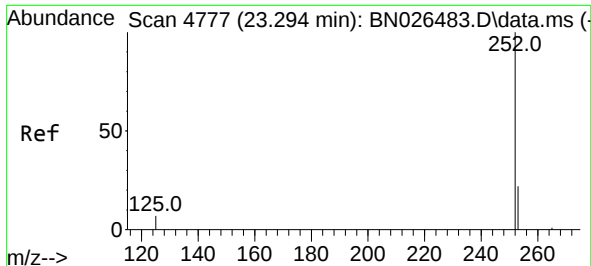


#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18



Tgt Ion:252 Resp: 13633
Ion Ratio Lower Upper
252 100
253 37.3 0.0 68.6
125 30.8 0.0 34.0





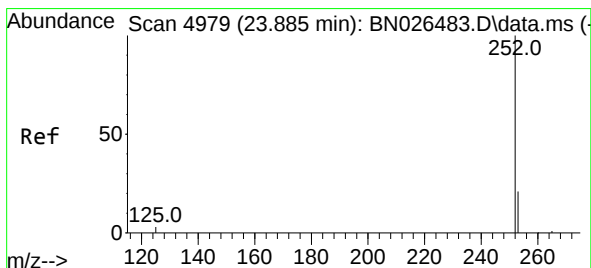
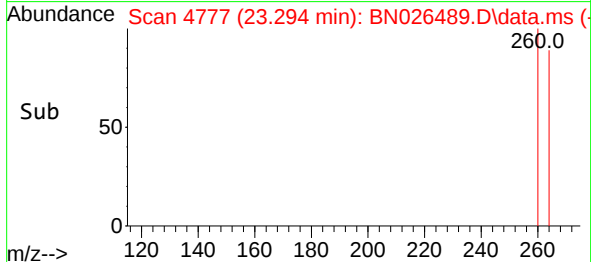
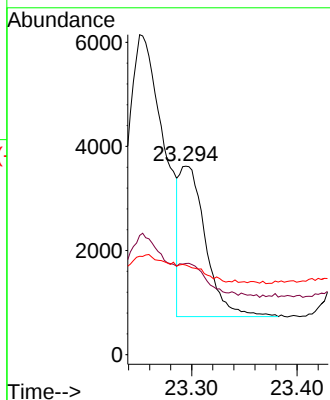
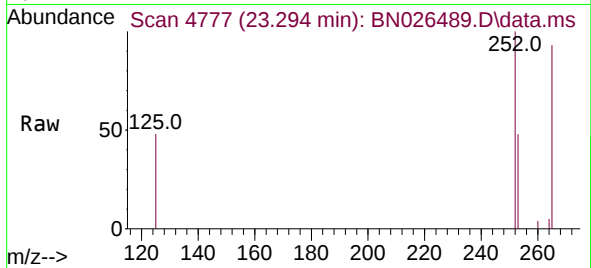
#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

Instrument :
BNA_N
ClientSampleId :
DCGZ5

Tgt Ion:252 Resp: 5012
Ion Ratio Lower Upper
252 100
253 48.4 27.2 40.8#
125 47.5 13.4 20.2#

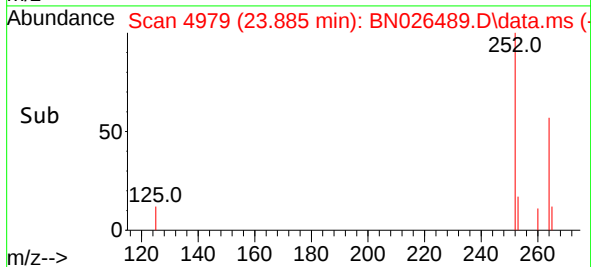
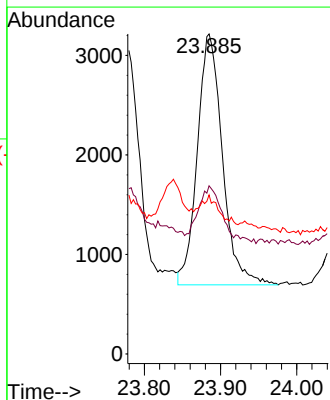
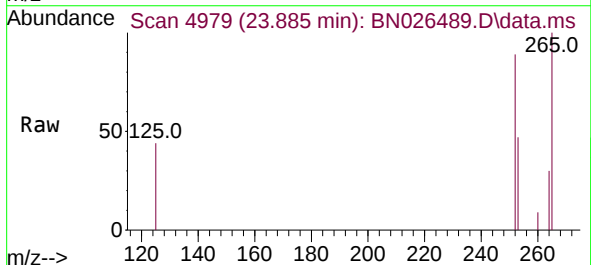
Manual Integrations
APPROVED

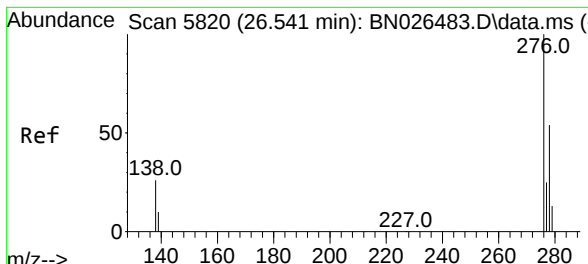
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#26
Benzo(a)pyrene
Concen: 0.156 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

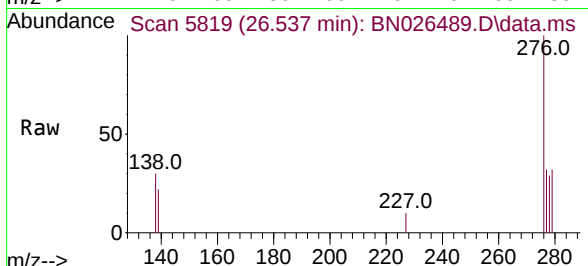
Tgt Ion:252 Resp: 5768
Ion Ratio Lower Upper
252 100
253 52.6 32.6 49.0#
125 49.7 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.121 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.013 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18

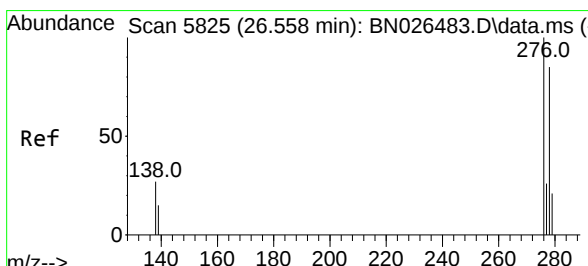
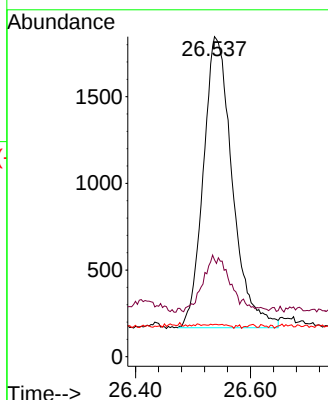
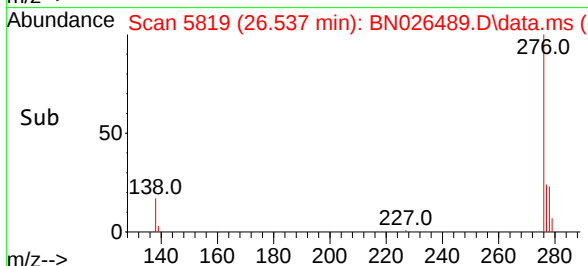
Instrument :
BNA_N
ClientSampleId :
DCGZ5



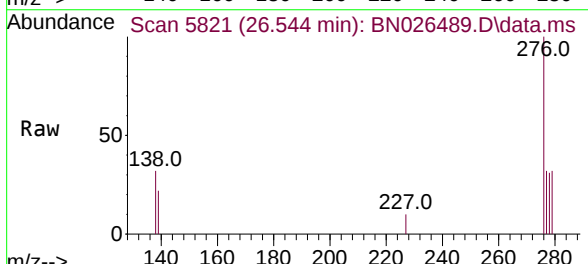
Tgt Ion:276 Resp: 5870
Ion Ratio Lower Upper
276 100
138 18.5 22.2 33.4#
227 0.8 0.1 0.1#

Manual Integrations
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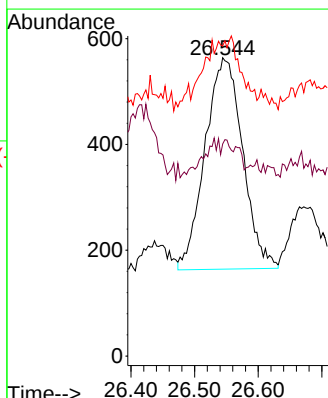
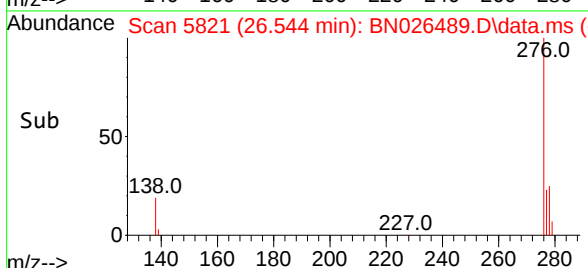
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

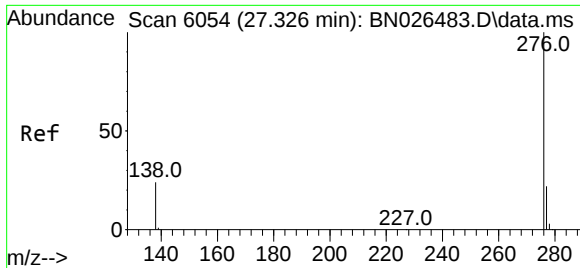


#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. -0.020 min
Lab File: BN026489.D
Acq: 13 Jul 2023 13:18



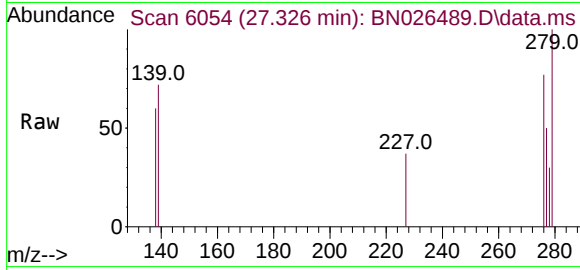
Tgt Ion:278 Resp: 1640
Ion Ratio Lower Upper
278 100
139 71.1 18.9 28.3#
279 103.9 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.022 ng/ul
 RT: 27.326 min Scan# 6054
 Delta R.T. -0.007 min
 Lab File: BN026489.D
 Acq: 13 Jul 2023 13:18

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ5



Tgt Ion: 276 Resp: 954
 Ion Ratio Lower Upper
 276 100
 138 78.0 22.6 34.0
 277 65.1 21.8 32.8

Manual Integrations
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Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

