

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026490.D
 Acq On : 13 Jul 2023 14:16
 Operator : MA/JU
 Sample : 03414-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4635

Manual Integrations
 APPROVED

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

Quant Time: Jul 14 04:28:18 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	7.976	152	4377	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.787	136	14427	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.612	164	9683	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	17353	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.558	240	11657	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	11714	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	3064	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	3923	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	7842	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	10534	0.266	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	992	0.044	ng/ul	98
8) 1-Methylnaphthalene	12.668	142	705	0.029	ng/ul	99
10) Acenaphthylene	14.334	152	2239	0.047	ng/ul#	75
11) Acenaphthene	14.677	153	1760	0.049	ng/ul	97
12) Fluorene	15.662	166	2076	0.055	ng/ul#	94
15) Phenanthrene	17.402	178	27977	0.506	ng/ul	99
16) Anthracene	17.495	178	5728	0.119	ng/ul#	93
19) Fluoranthene	19.419	202	46177	0.845	ng/ul#	96
20) Pyrene	19.782	202	44220	0.745	ng/ul#	92
21) Benzo(a)anthracene	21.541	228	21049	0.491	ng/ul	98
22) Chrysene	21.593	228	25798	0.529	ng/ul	96
24) Benzo(b)fluoranthene	23.253	252	28539m	0.625	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	11779m	0.246	ng/ul	
26) Benzo(a)pyrene	23.888	252	12132	0.299	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.541	276	11802	0.222	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.548	278	3150	0.077	ng/ul#	49
29) Benzo(g,h,i)perylene	27.326	276	1420	0.030	ng/ul#	40

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

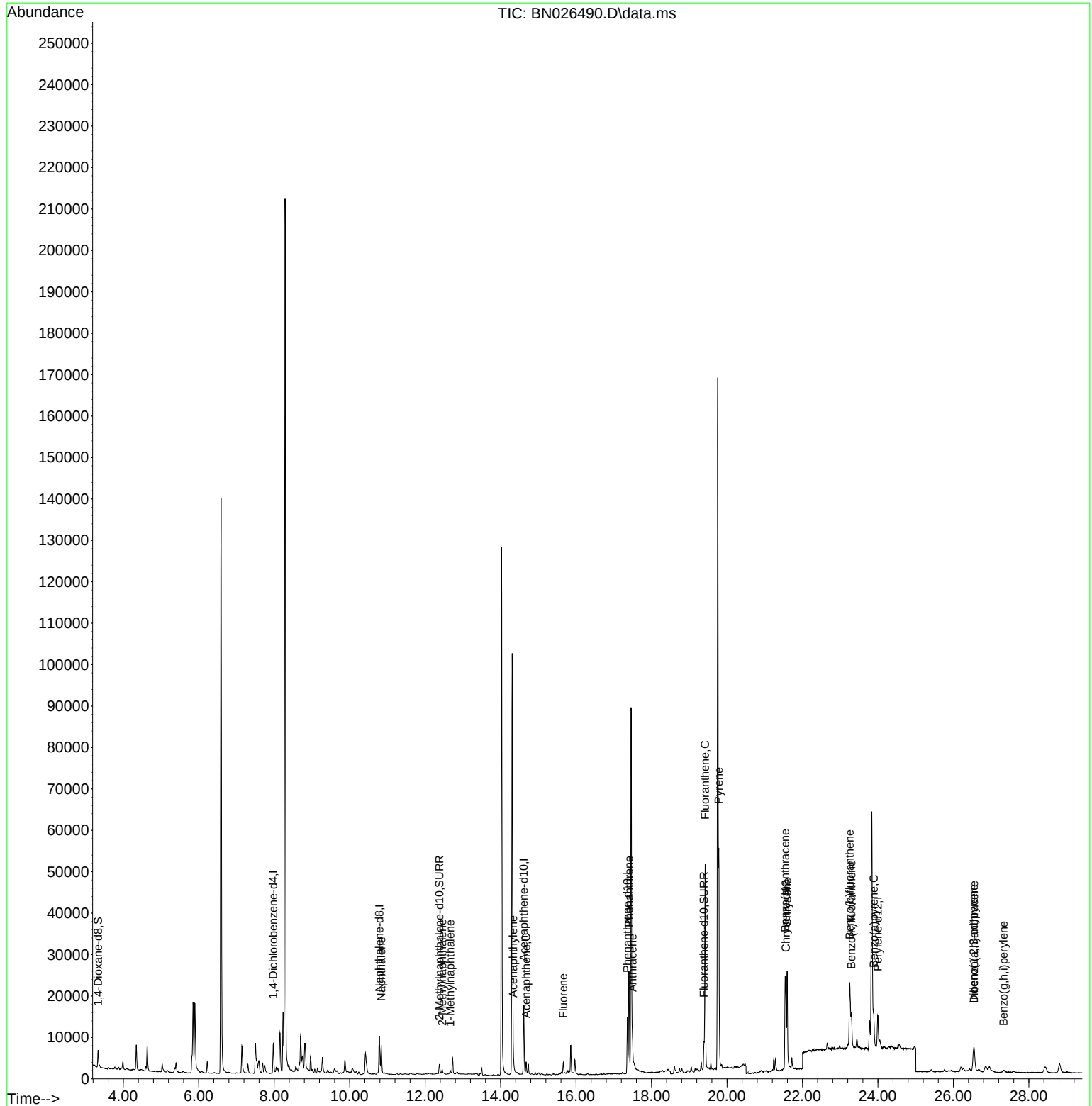
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026490.D
Acq On : 13 Jul 2023 14:16
Operator : MA/JU
Sample : 03414-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

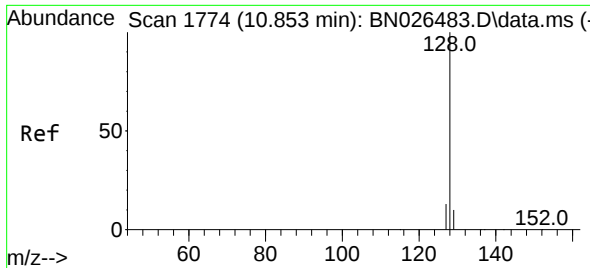
Instrument :
BNA_N
ClientSampleId :
A4635

Manual Integrations
APPROVED

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

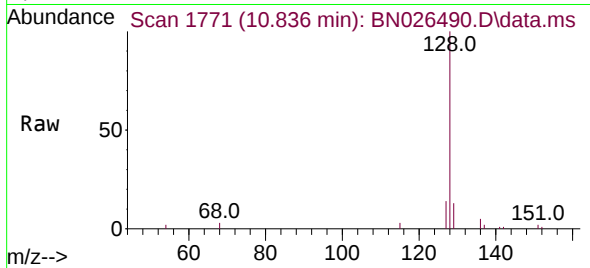
Quant Time: Jul 14 04:28:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.266 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

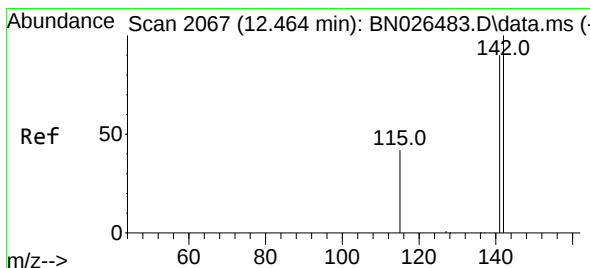
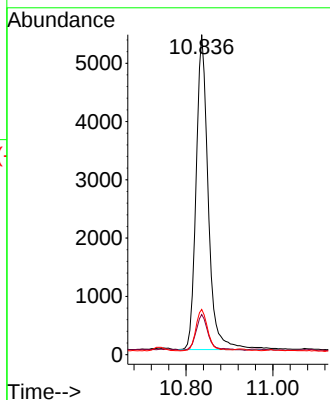
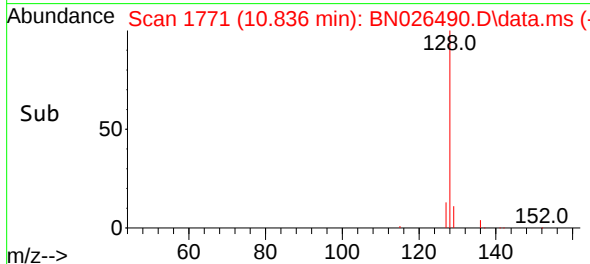
Instrument :
BNA_N
ClientSampleId :
A4635



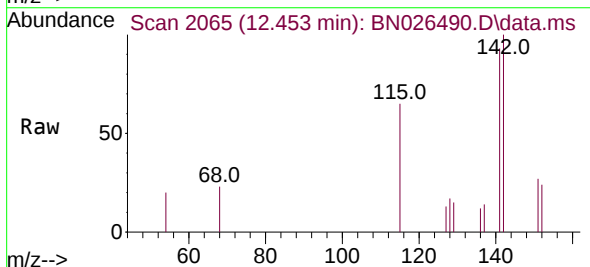
Tgt Ion:128 Resp: 10534
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 14.2 11.4 17.0

Manual Integrations
APPROVED

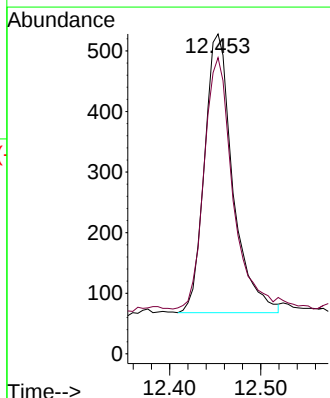
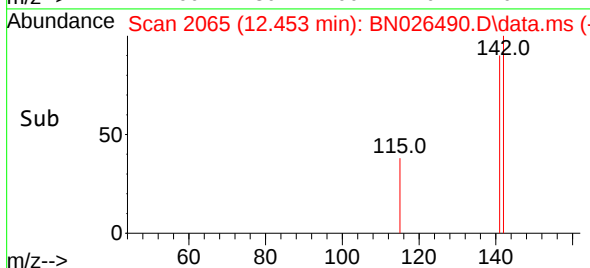
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

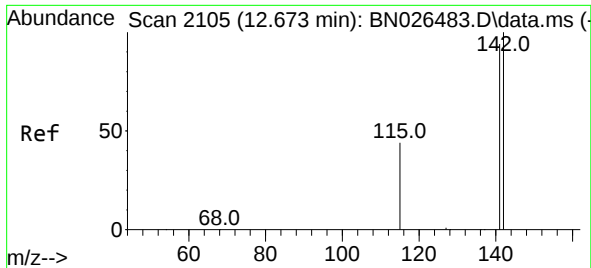


#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16



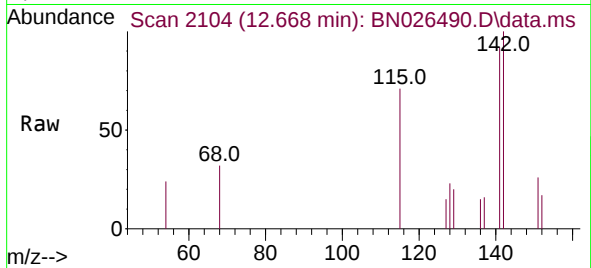
Tgt Ion:142 Resp: 992
Ion Ratio Lower Upper
142 100
141 91.8 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.668 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

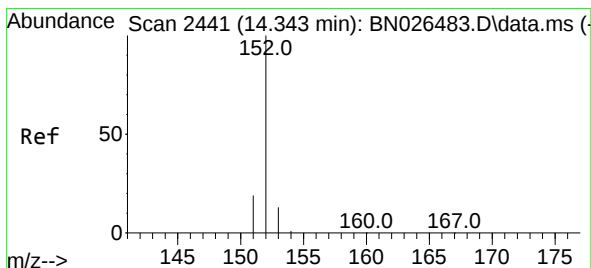
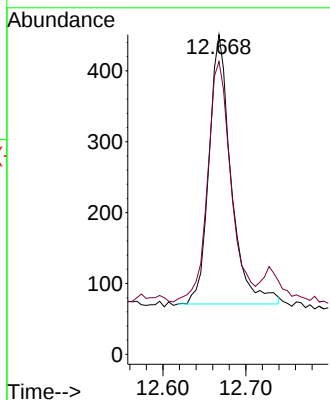
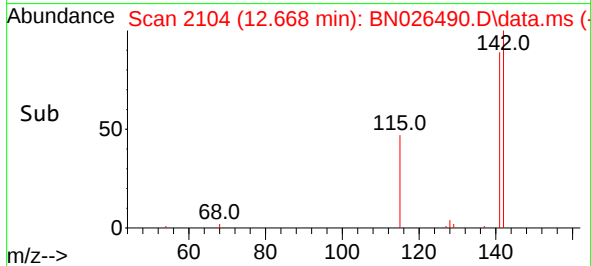
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:142 Resp: 709
Ion Ratio Lower Upper
142 100
141 94.3 74.5 111.7

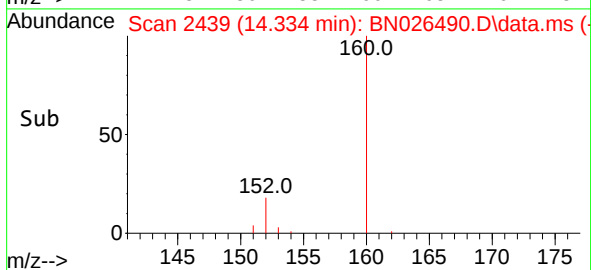
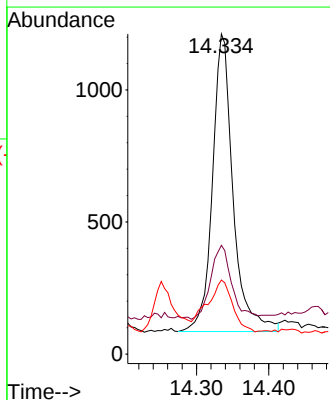
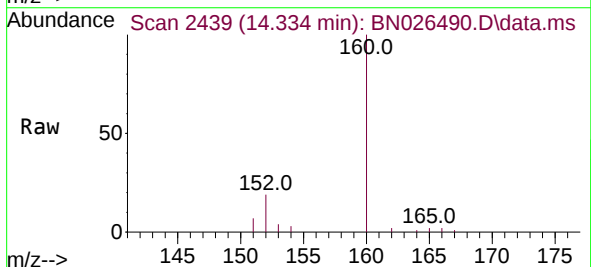
Manual Integrations
APPROVED

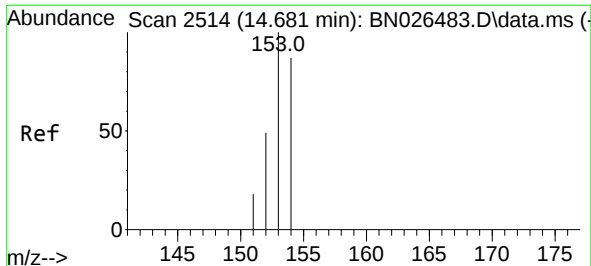
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

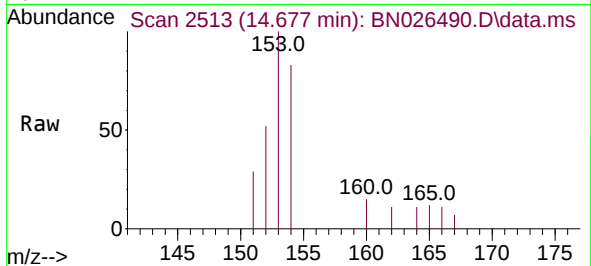
Tgt Ion:152 Resp: 2239
Ion Ratio Lower Upper
152 100
151 34.0 17.0 25.6#
153 23.1 11.4 17.2#





#11
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.677 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

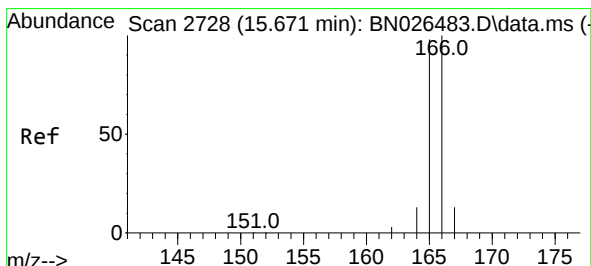
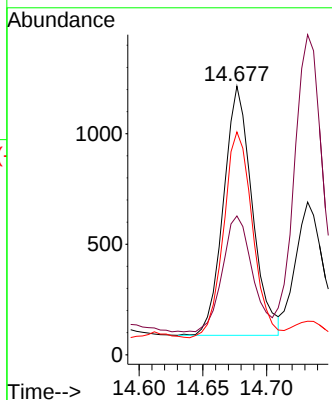
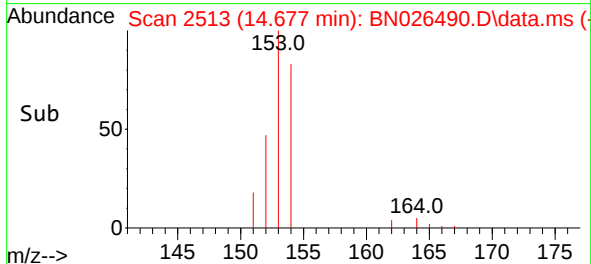
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:153 Resp: 1760
Ion Ratio Lower Upper
153 100
152 51.7 40.2 60.4
154 83.0 69.3 103.9

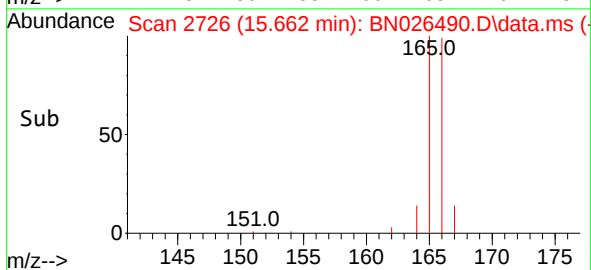
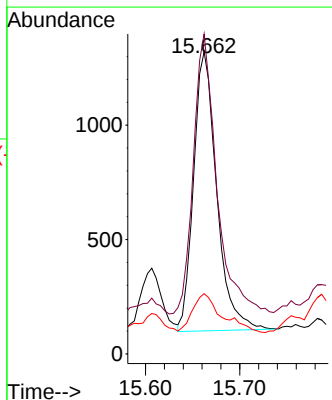
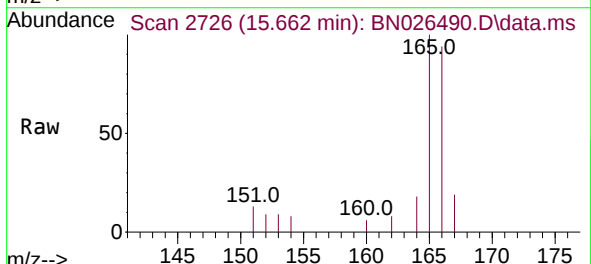
Manual Integrations
APPROVED

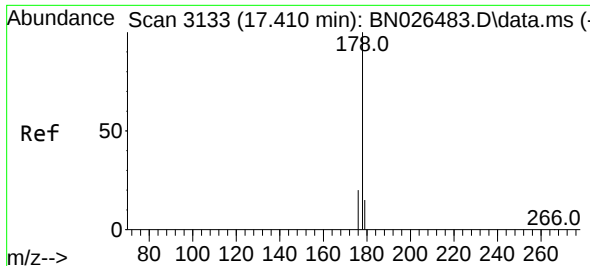
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#12
Fluorene
Concen: 0.055 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

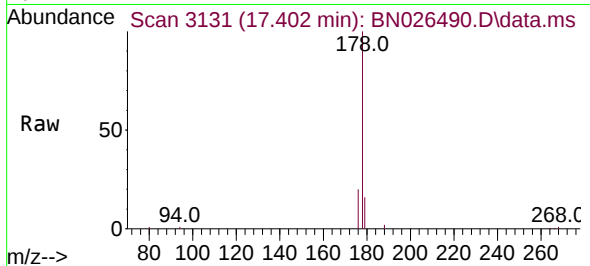
Tgt Ion:166 Resp: 2076
Ion Ratio Lower Upper
166 100
165 105.9 80.6 120.8
167 20.0 12.0 18.0#





#15
Phenanthrene
Concen: 0.506 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

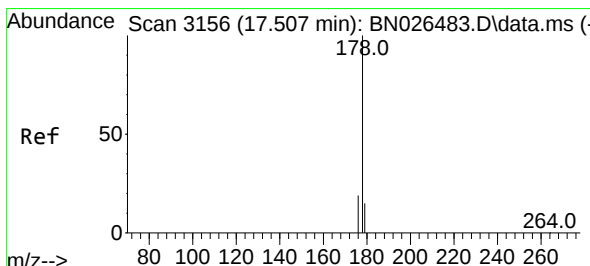
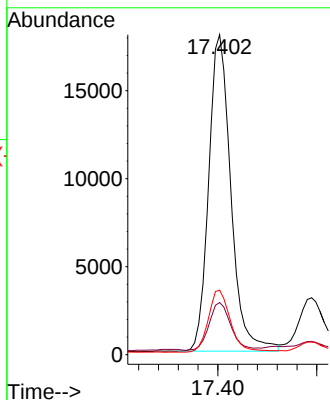
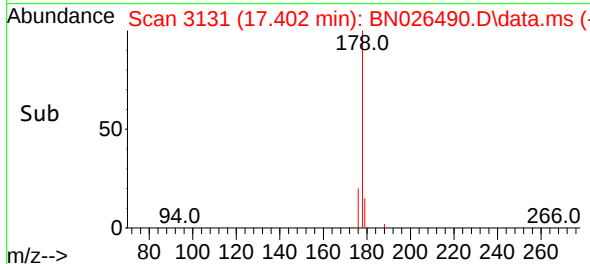
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:178 Resp: 2797
Ion Ratio Lower Upper
178 100
179 16.3 13.7 20.5
176 20.1 16.5 24.7

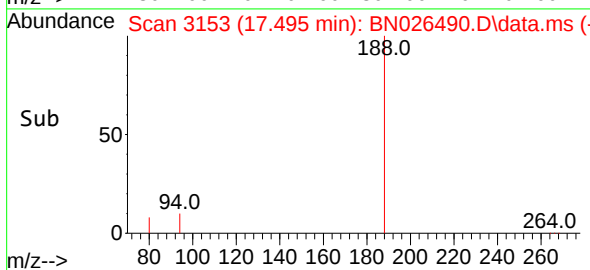
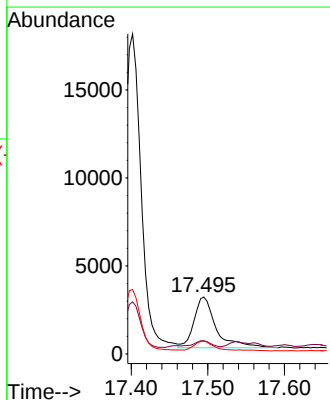
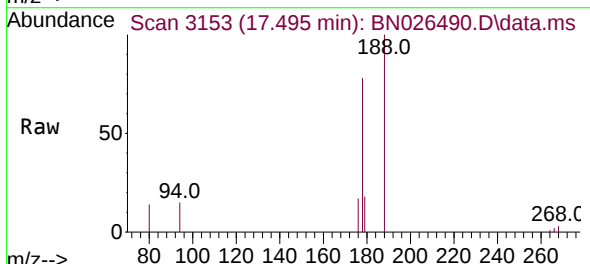
Manual Integrations
APPROVED

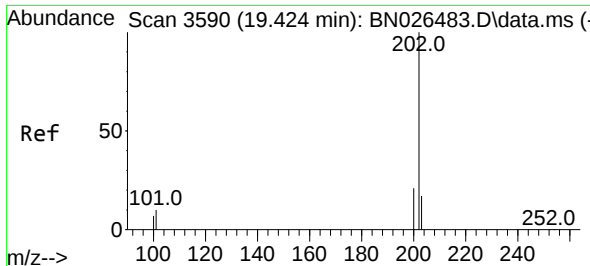
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#16
Anthracene
Concen: 0.119 ng/u1
RT: 17.495 min Scan# 3153
Delta R.T. -0.008 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

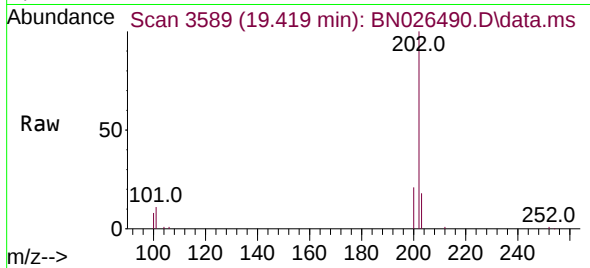
Tgt Ion:178 Resp: 5728
Ion Ratio Lower Upper
178 100
179 23.3 14.8 22.2#
176 22.2 16.6 25.0





#19
Fluoranthene
Concen: 0.845 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

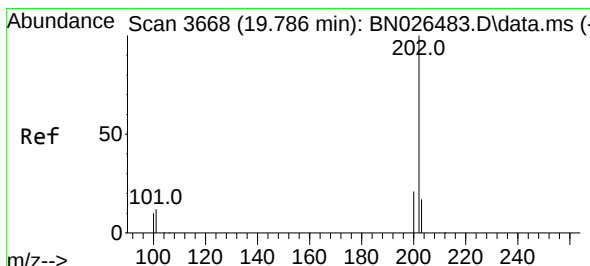
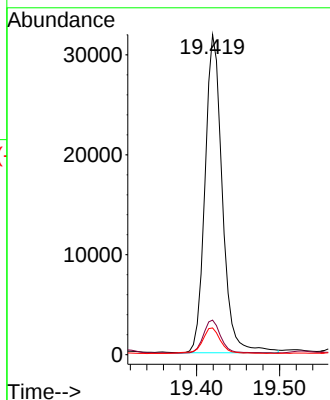
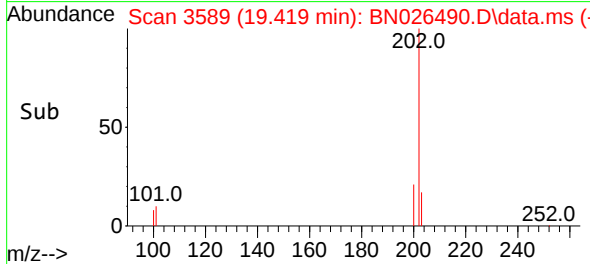
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:202 Resp: 4617
Ion Ratio Lower Upper
202 100
101 10.8 7.0 10.4
100 8.3 6.0 9.0

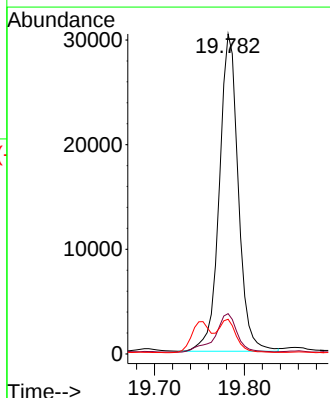
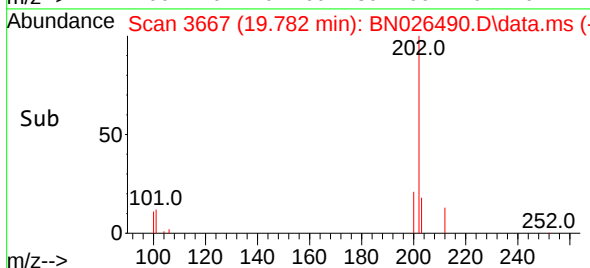
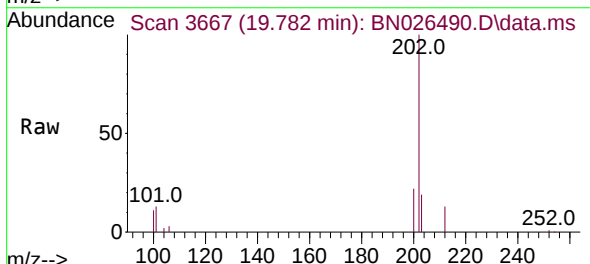
Manual Integrations
APPROVED

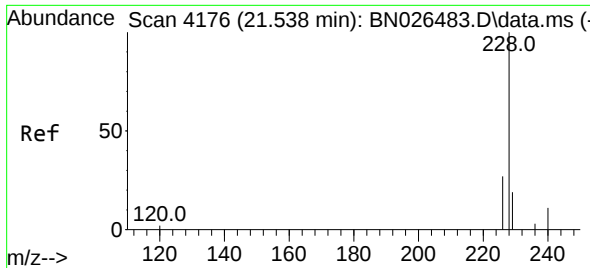
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#20
Pyrene
Concen: 0.745 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.009 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

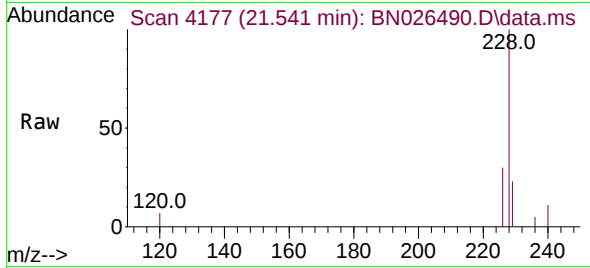
Tgt Ion:202 Resp: 44220
Ion Ratio Lower Upper
202 100
101 12.6 8.0 12.0#
100 10.9 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.491 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. -0.006 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

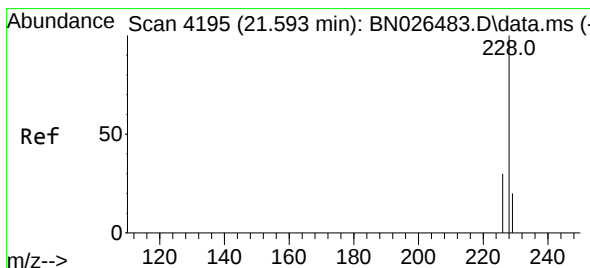
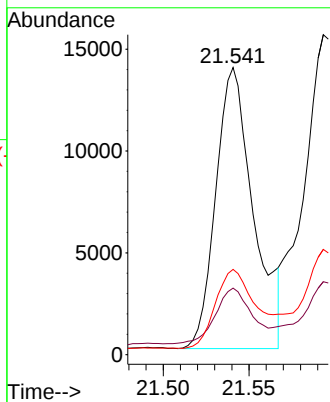
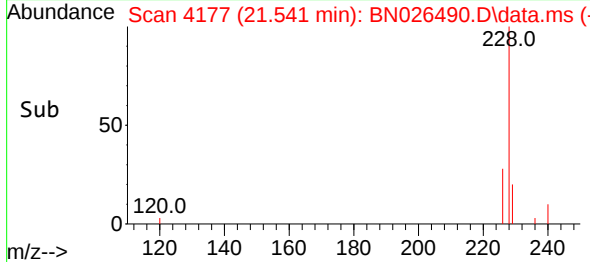
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:228 Resp: 21049
Ion Ratio Lower Upper
228 100
229 23.2 16.7 25.1
226 29.7 23.5 35.3

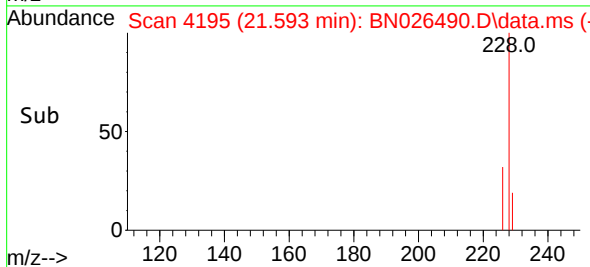
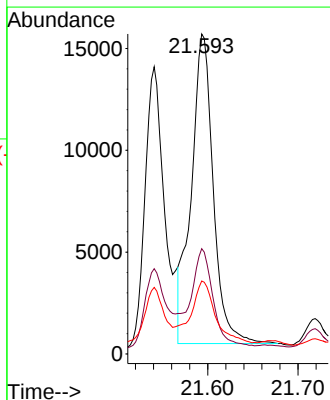
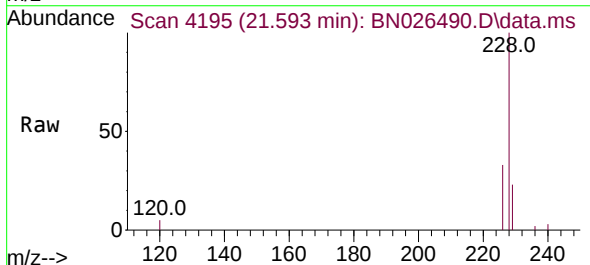
Manual Integrations
APPROVED

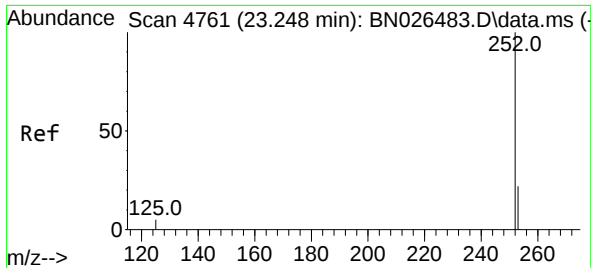
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#22
Chrysene
Concen: 0.529 ng/ul
RT: 21.593 min Scan# 4195
Delta R.T. -0.006 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

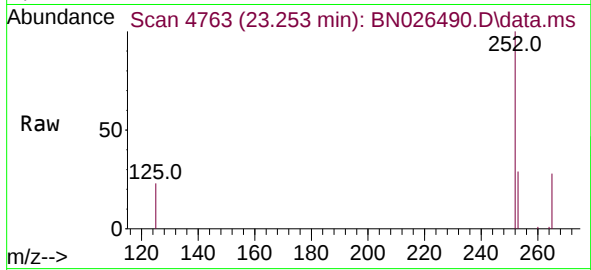
Tgt Ion:228 Resp: 25798
Ion Ratio Lower Upper
228 100
226 32.9 25.2 37.8
229 22.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.625 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.000 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

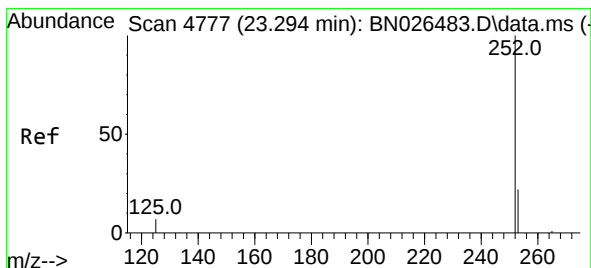
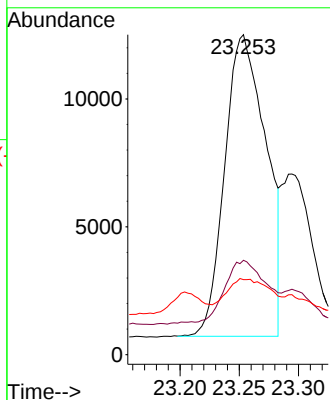
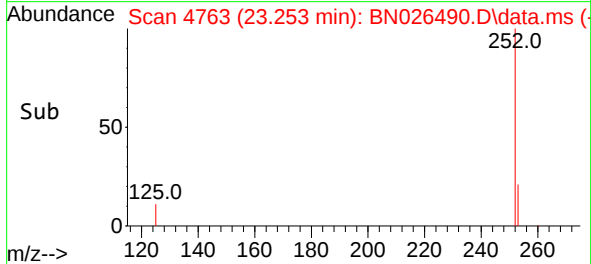
Instrument :
BNA_N
ClientSampleId :
A4635



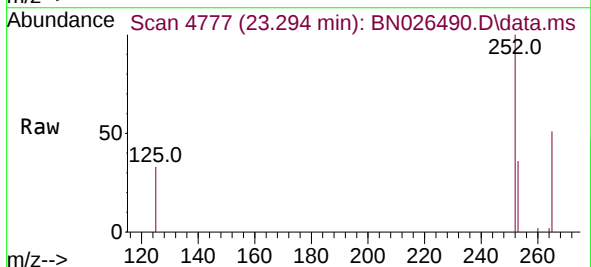
Tgt Ion:252 Resp: 28539
Ion Ratio Lower Upper
252 100
253 29.5 0.0 68.6
125 23.5 0.0 34.0

Manual Integrations
APPROVED

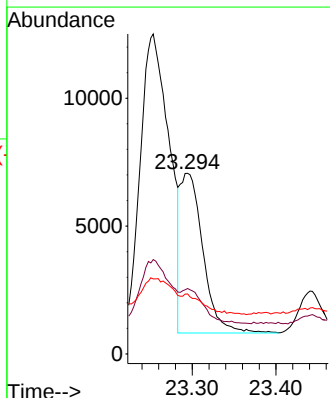
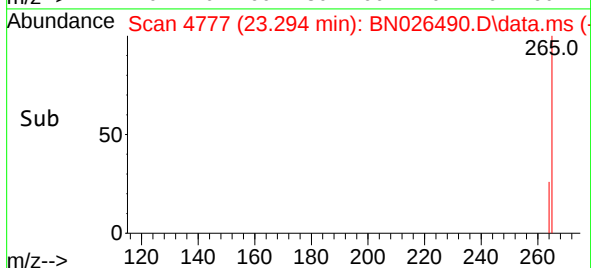
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

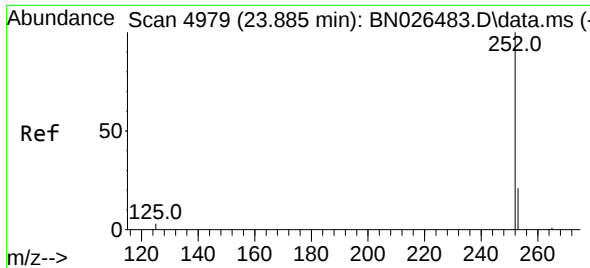


#25
Benzo(k)fluoranthene
Concen: 0.246 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16



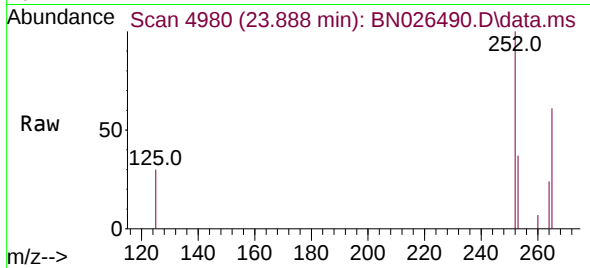
Tgt Ion:252 Resp: 11779
Ion Ratio Lower Upper
252 100
253 36.2 27.2 40.8
125 33.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

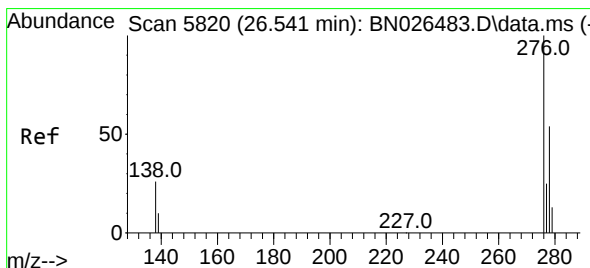
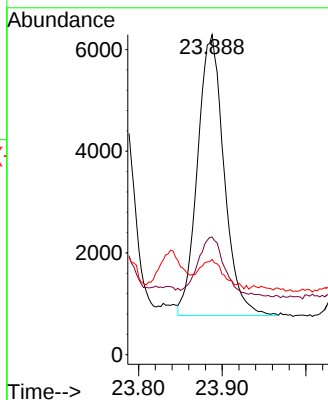
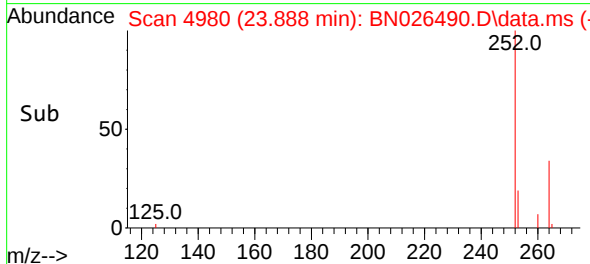
Instrument :
BNA_N
ClientSampleId :
A4635



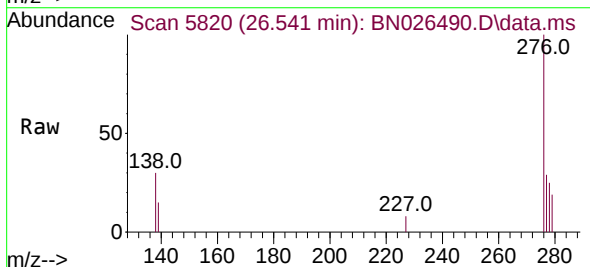
Tgt Ion:252 Resp: 1213
Ion Ratio Lower Upper
252 100
253 36.8 32.6 49.0
125 29.8 19.3 28.9

Manual Integrations
APPROVED

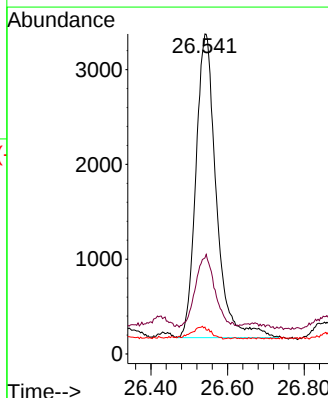
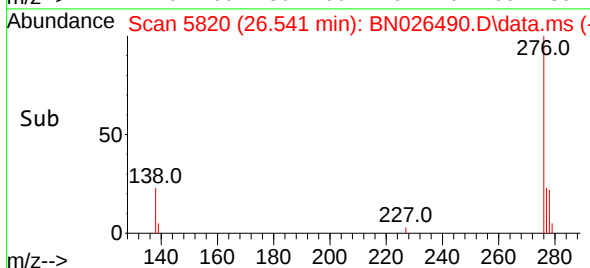
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

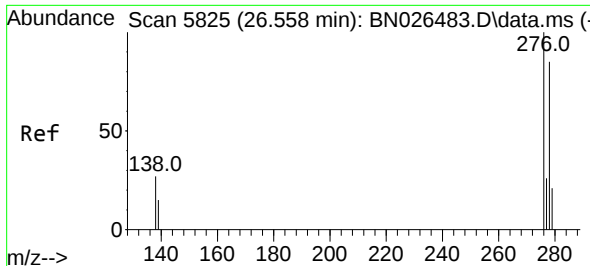


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.010 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16



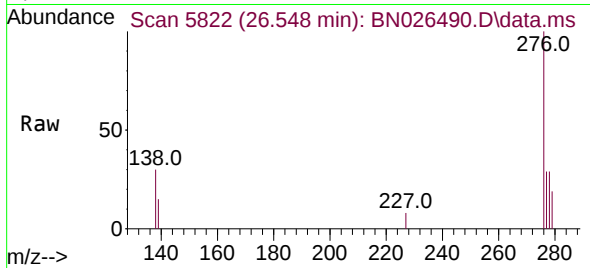
Tgt Ion:276 Resp: 11802
Ion Ratio Lower Upper
276 100
138 22.8 22.2 33.4
227 3.6 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 26.548 min Scan# 5825
Delta R.T. -0.017 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16

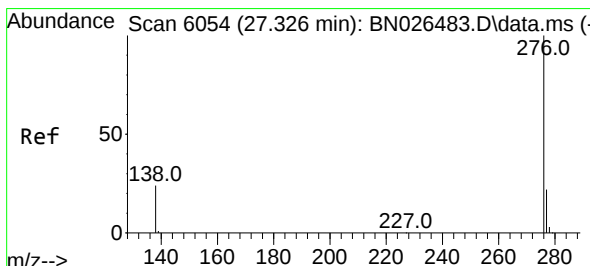
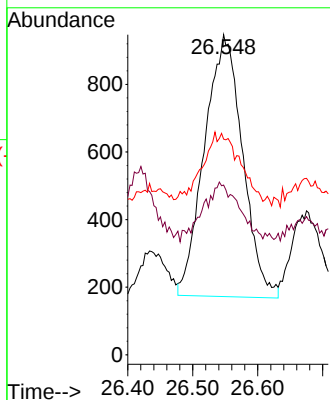
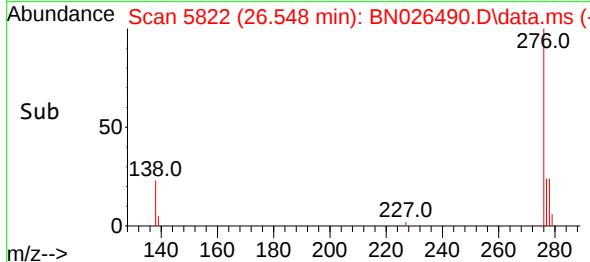
Instrument :
BNA_N
ClientSampleId :
A4635



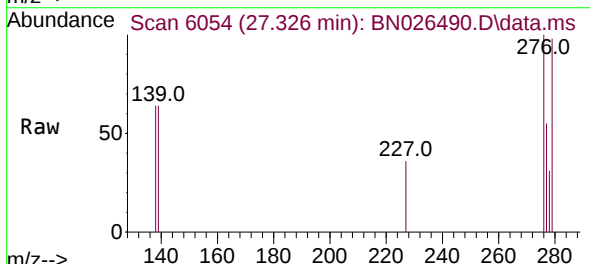
Tgt Ion:278 Resp: 3150
Ion Ratio Lower Upper
278 100
139 53.0 18.9 28.3#
279 67.4 31.3 46.9#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 27.326 min Scan# 6054
Delta R.T. -0.006 min
Lab File: BN026490.D
Acq: 13 Jul 2023 14:16



Tgt Ion:276 Resp: 1420
Ion Ratio Lower Upper
276 100
138 63.9 22.6 34.0#
277 55.0 21.8 32.8#

