

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026485.D
 Acq On : 13 Jul 2023 10:13
 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 13 17:03:30 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	7.988	152	2016	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.796	136	6099	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.621	164	3473	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	6501	0.400	ng/ul	0.00
17) Chrysene-d12	21.554	240	5946	0.400	ng/ul	0.00
23) Perylene-d12	23.992	264	6481	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	2090	0.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.391	152	536	0.065	ng/ul	0.00
18) Fluoranthene-d10	19.390	212	1055	0.051	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.846	128	5843	0.349	ng/ul	98
7) 2-Methylnaphthalene	12.463	142	540	0.057	ng/ul	99
8) 1-Methylnaphthalene	12.677	142	383	0.038	ng/ul	93
11) Acenaphthene	14.681	153	788	0.061	ng/ul	96
12) Fluorene	15.666	166	949	0.070	ng/ul#	94
15) Phenanthrene	17.405	178	12997	0.628	ng/ul	99
16) Anthracene	17.498	178	2742	0.153	ng/ul#	89
19) Fluoranthene	19.418	202	24455	0.877	ng/ul#	96
20) Pyrene	19.781	202	24051	0.795	ng/ul	97
21) Benzo(a)anthracene	21.540	228	13890	0.636	ng/ul	98
22) Chrysene	21.592	228	15147	0.609	ng/ul	98
24) Benzo(b)fluoranthene	23.249	252	19558m	0.775	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	9170m	0.346	ng/ul	
26) Benzo(a)pyrene	23.881	252	8307	0.370	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.540	276	7494	0.254	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.550	278	2118	0.094	ng/ul#	48
29) Benzo(g,h,i)perylene	27.328	276	1044	0.040	ng/ul#	50

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

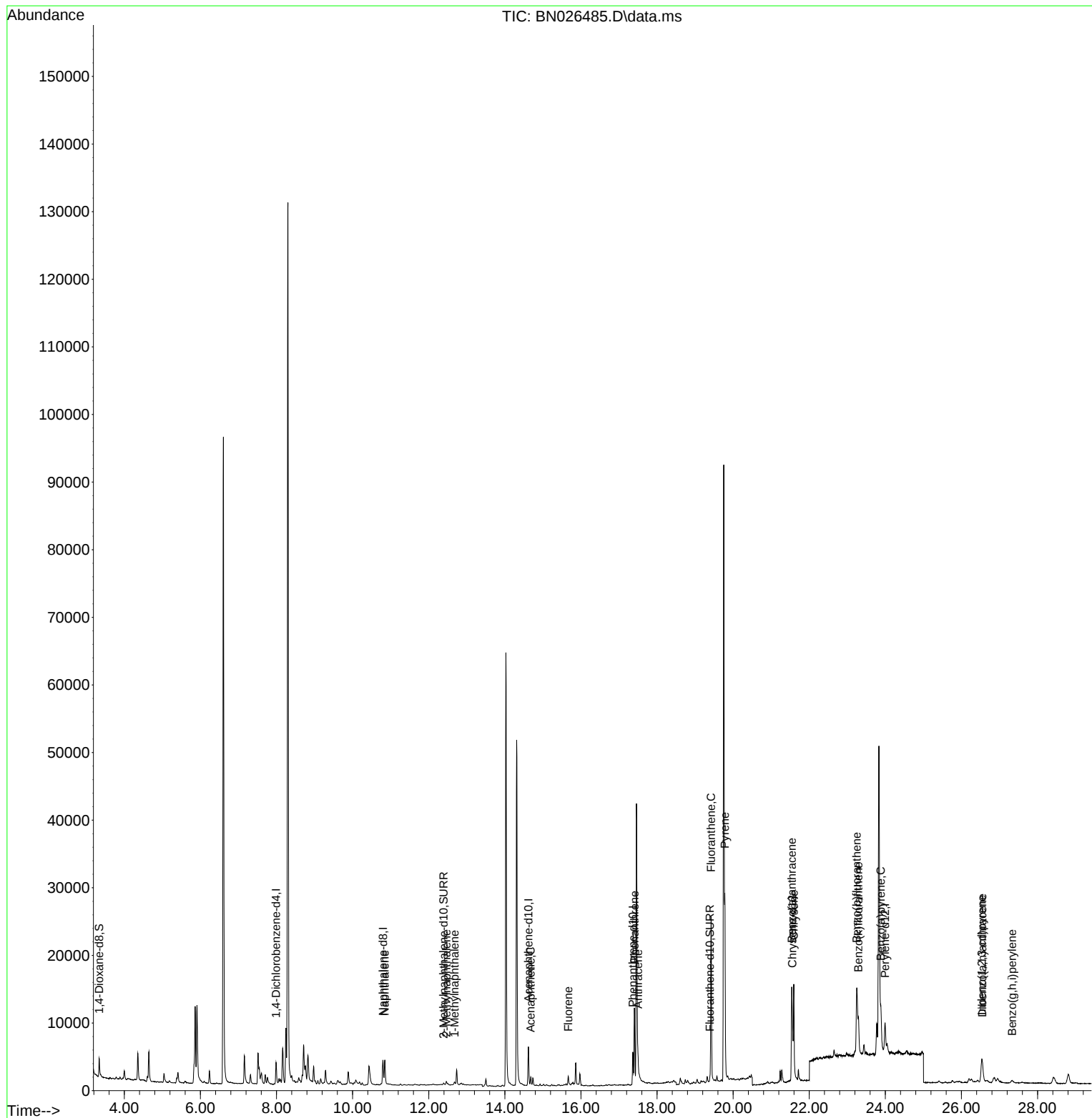
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026485.D
Acq On : 13 Jul 2023 10:13
Operator : MA/JU
Sample : 03414-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

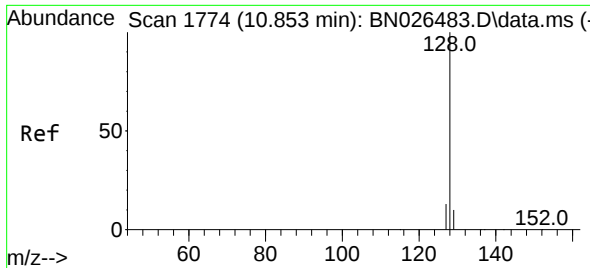
Instrument :
BNA_N
ClientSampleId :
A4635

Manual Integrations
APPROVED

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

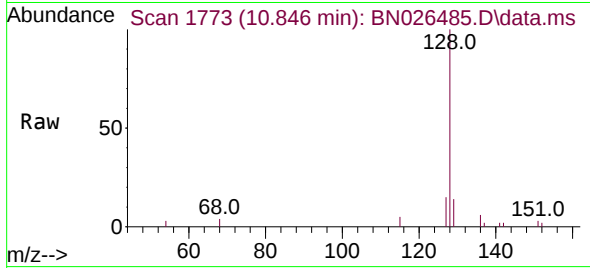
Quant Time: Jul 13 17:03:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.846 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

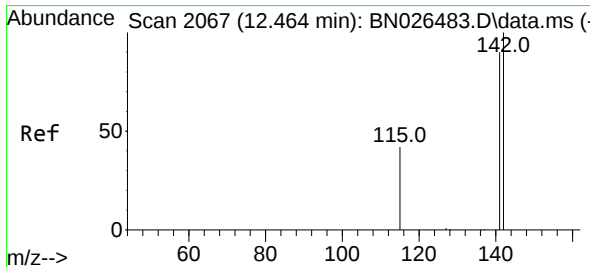
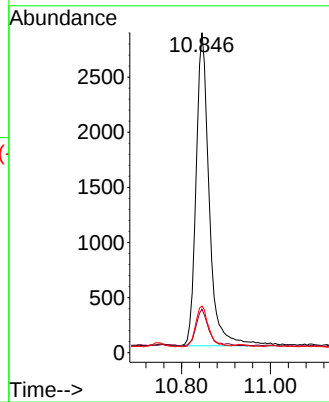
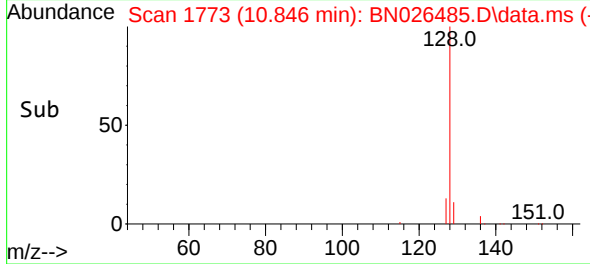
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:128 Resp: 584
Ion Ratio Lower Upper
128 100
129 13.6 10.2 15.2
127 14.6 11.4 17.0

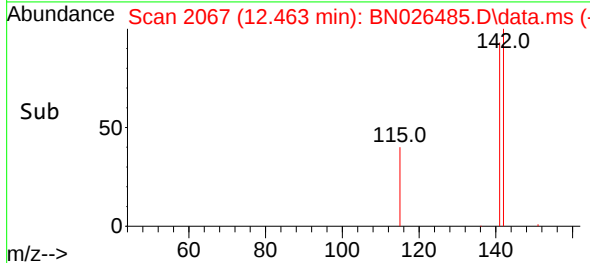
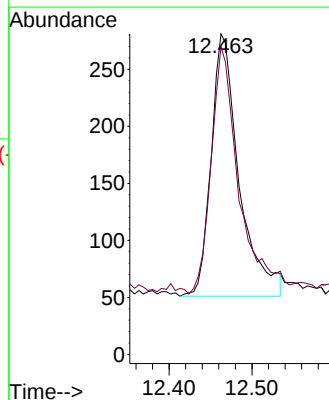
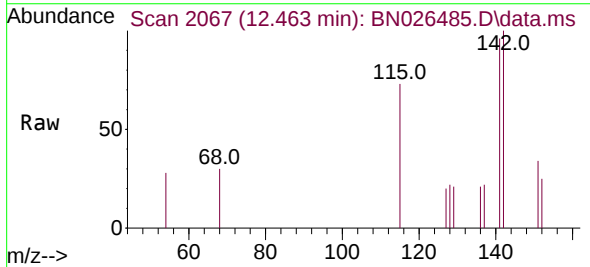
Manual Integrations
APPROVED

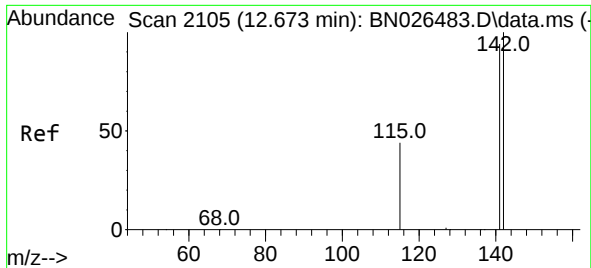
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.463 min Scan# 2067
Delta R.T. -0.007 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

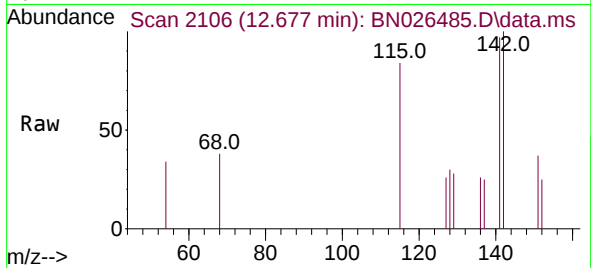
Tgt Ion:142 Resp: 540
Ion Ratio Lower Upper
142 100
141 91.3 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.677 min Scan# 2106
Delta R.T. -0.007 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

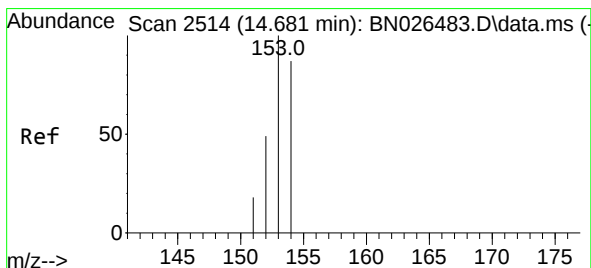
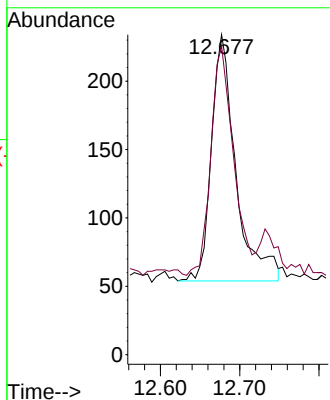
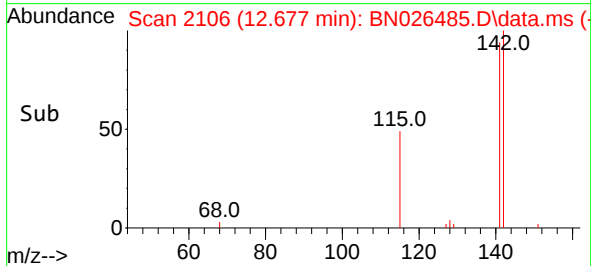
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:142 Resp: 388
Ion Ratio Lower Upper
142 100
141 86.2 74.5 111.7

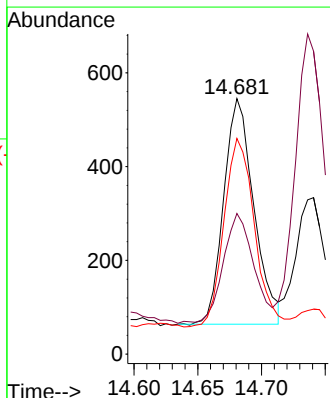
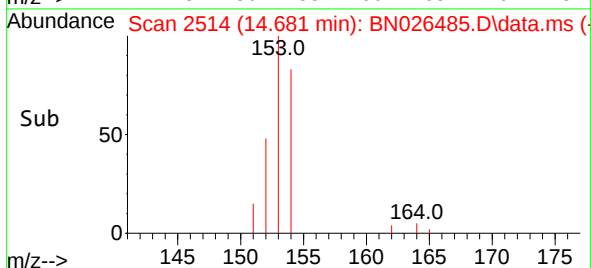
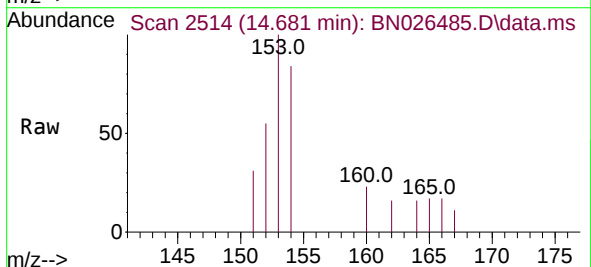
Manual Integrations
APPROVED

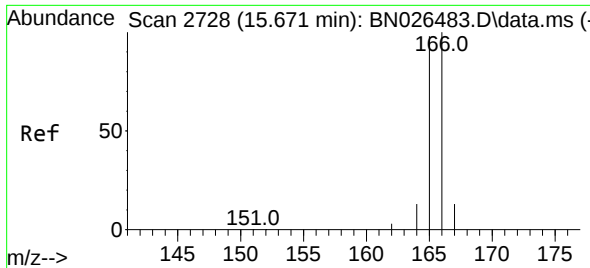
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#11
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. -0.005 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

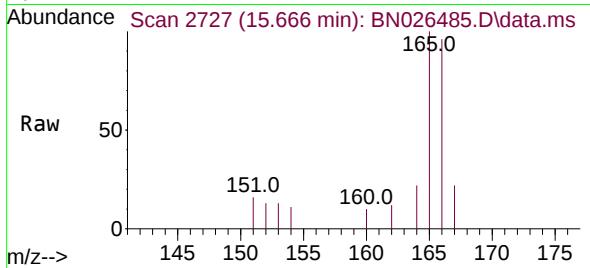
Tgt Ion:153 Resp: 788
Ion Ratio Lower Upper
153 100
152 55.0 40.2 60.4
154 84.4 69.3 103.9





#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.666 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

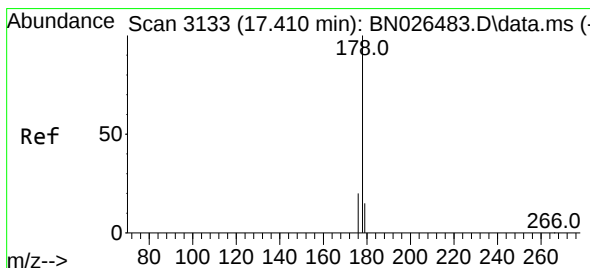
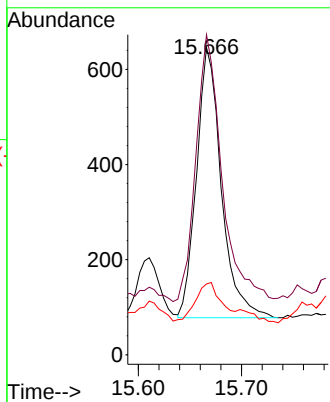
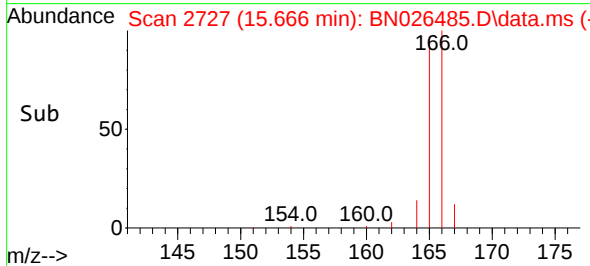
Instrument :
BNA_N
ClientSampleId :
A4635



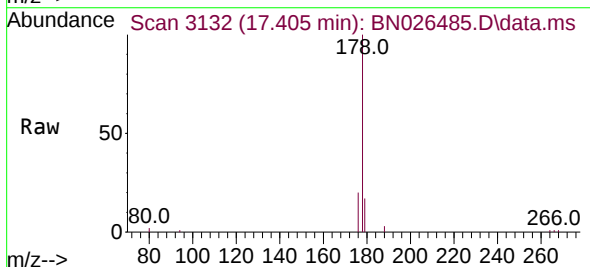
Tgt Ion:166 Resp: 949
Ion Ratio Lower Upper
166 100
165 104.2 80.6 120.8
167 23.1 12.0 18.0

Manual Integrations
APPROVED

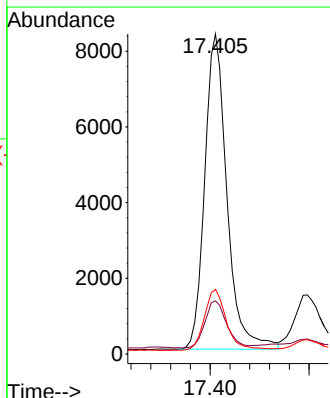
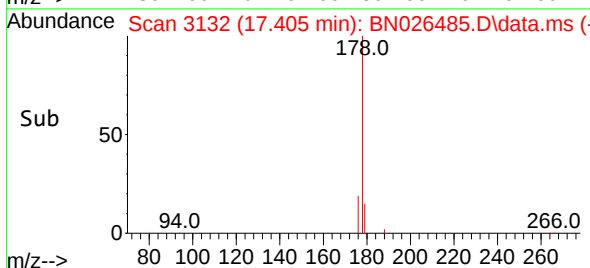
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

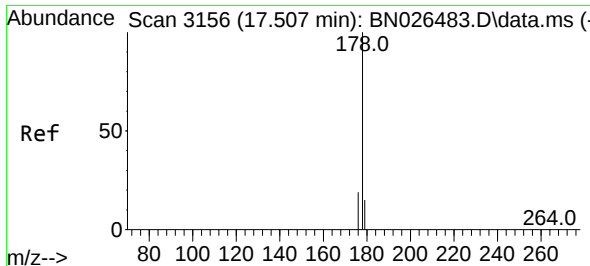


#15
Phenanthrene
Concen: 0.628 ng/ul
RT: 17.405 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13



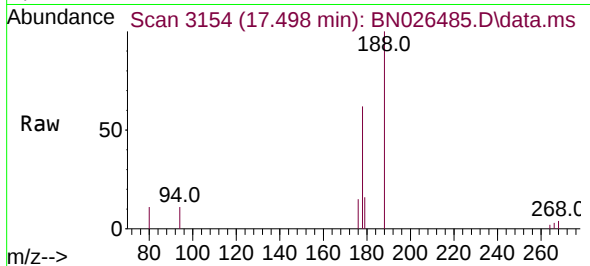
Tgt Ion:178 Resp: 12997
Ion Ratio Lower Upper
178 100
179 16.6 13.7 20.5
176 20.2 16.5 24.7





#16
 Anthracene
 Concen: 0.153 ng/ul
 RT: 17.498 min Scan# 3156
 Delta R.T. -0.017 min
 Lab File: BN026485.D
 Acq: 13 Jul 2023 10:13

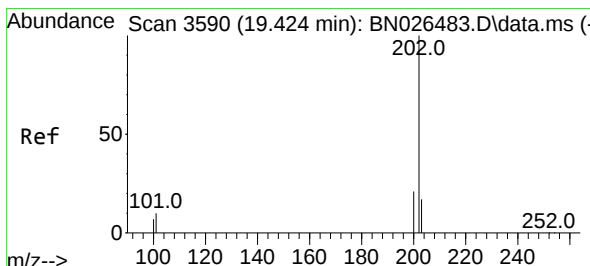
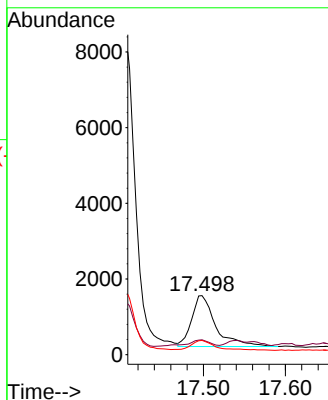
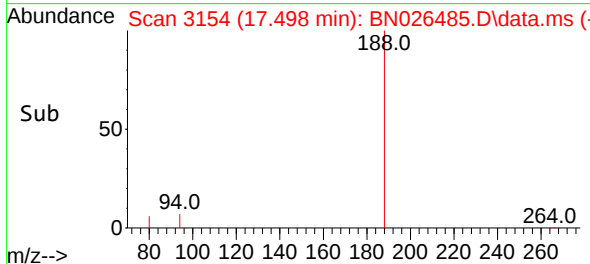
Instrument :
 BNA_N
 ClientSampleId :
 A4635



Tgt Ion:178 Resp: 2742
 Ion Ratio Lower Upper
 178 100
 179 25.2 14.8 22.2
 176 24.2 16.6 25.0

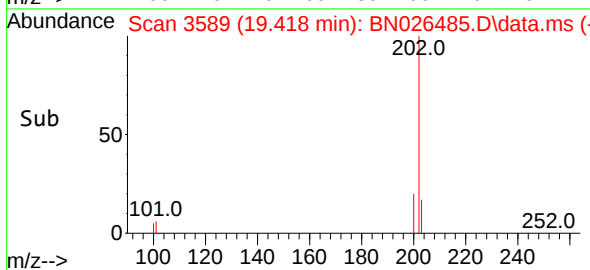
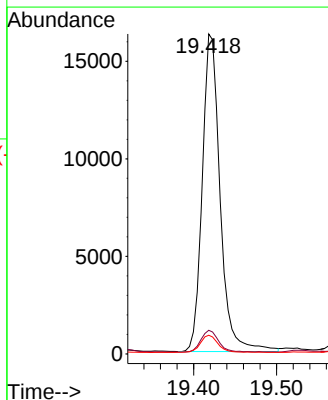
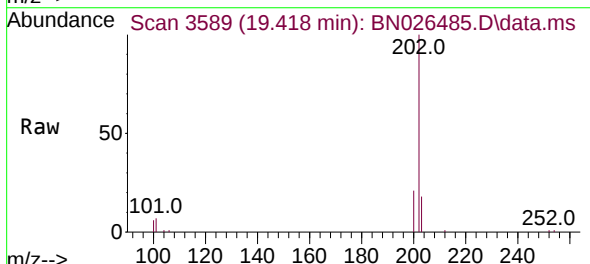
Manual Integrations
 APPROVED

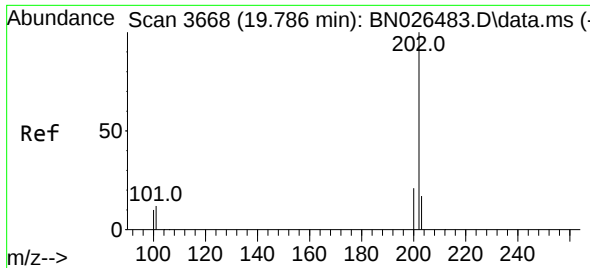
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



#19
 Fluoranthene
 Concen: 0.877 ng/ul
 RT: 19.418 min Scan# 3589
 Delta R.T. -0.010 min
 Lab File: BN026485.D
 Acq: 13 Jul 2023 10:13

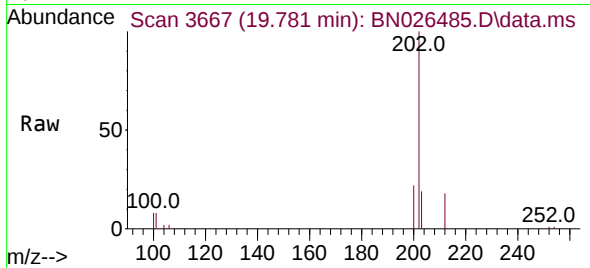
Tgt Ion:202 Resp: 24455
 Ion Ratio Lower Upper
 202 100
 101 7.4 7.0 10.4
 100 5.8 6.0 9.0





#20
Pyrene
Concen: 0.795 ng/ul
RT: 19.781 min Scan# 30
Delta R.T. -0.015 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

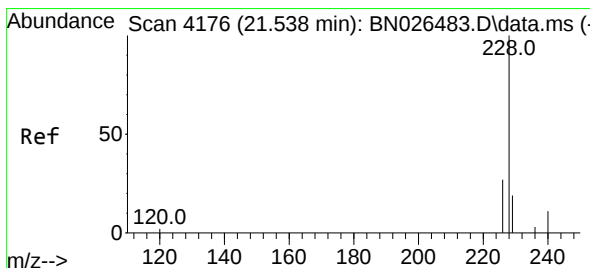
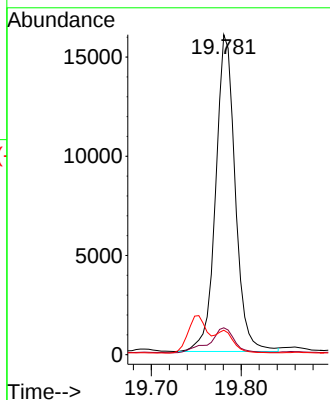
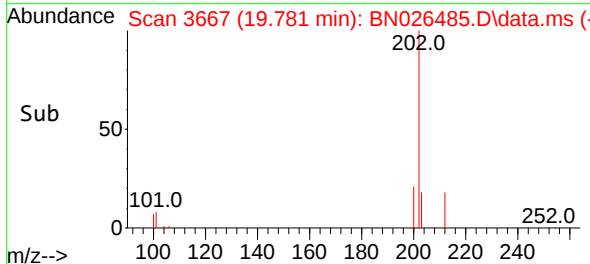
Instrument :
BNA_N
ClientSampleId :
A4635



Tgt Ion:202 Resp: 2405
Ion Ratio Lower Upper
202 100
101 8.4 8.0 12.0
100 7.6 6.2 9.2

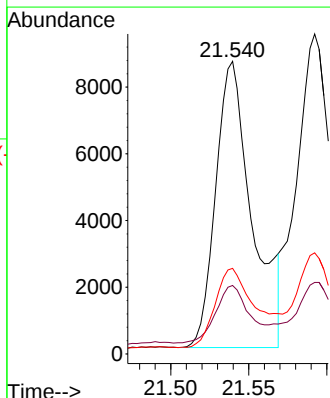
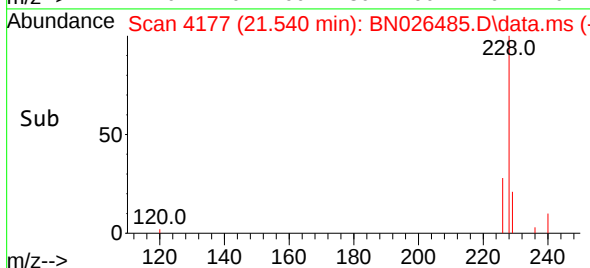
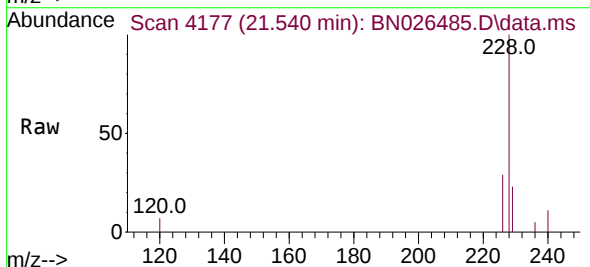
Manual Integrations
APPROVED

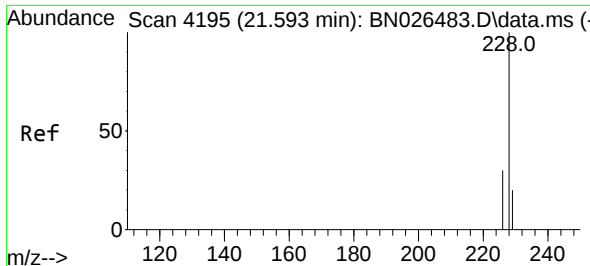
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023



#21
Benzo(a)anthracene
Concen: 0.636 ng/ul
RT: 21.540 min Scan# 4177
Delta R.T. -0.007 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

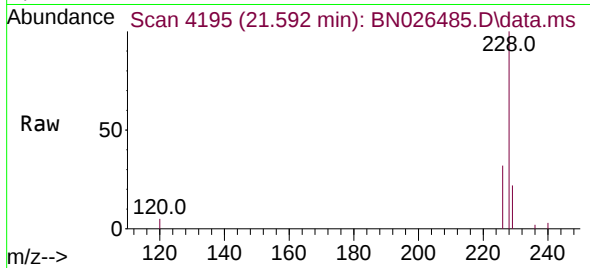
Tgt Ion:228 Resp: 13890
Ion Ratio Lower Upper
228 100
229 23.4 16.7 25.1
226 29.3 23.5 35.3





#22
Chrysene
Concen: 0.609 ng/ul
RT: 21.592 min Scan# 4195
Delta R.T. -0.010 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

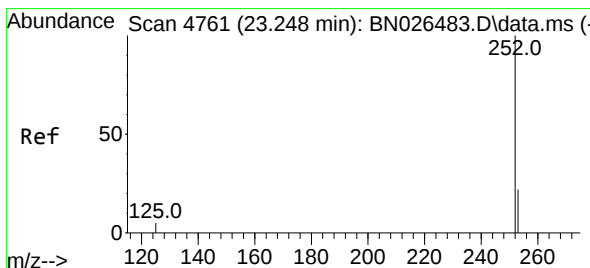
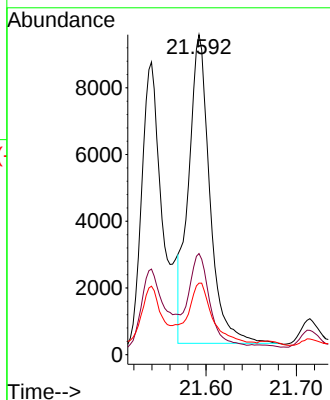
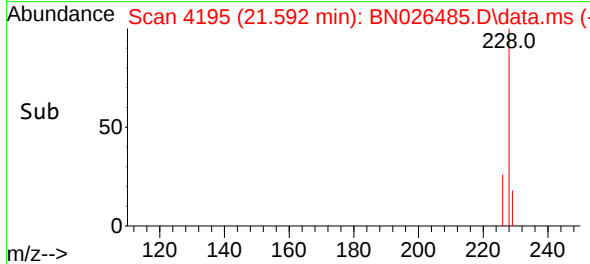
Instrument :
BNA_N
ClientSampleId :
A4635



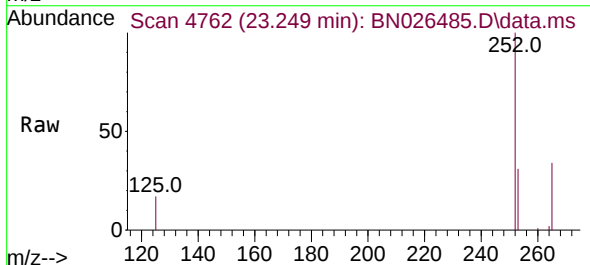
Tgt Ion:228 Resp: 1514
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 22.3 16.4 24.6

Manual Integrations
APPROVED

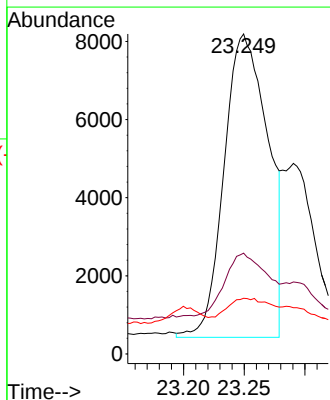
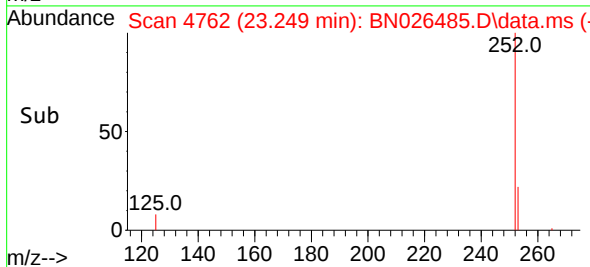
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

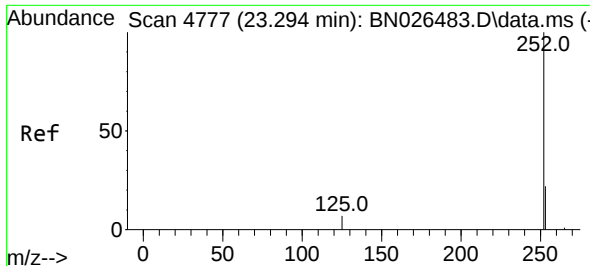


#24
Benzo(b)fluoranthene
Concen: 0.775 ng/ul m
RT: 23.249 min Scan# 4762
Delta R.T. -0.010 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13



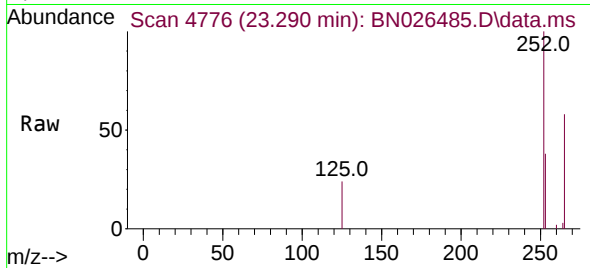
Tgt Ion:252 Resp: 19558
Ion Ratio Lower Upper
252 100
253 31.5 0.0 68.6
125 17.4 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul m
RT: 23.290 min Scan# 4777
Delta R.T. -0.018 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13

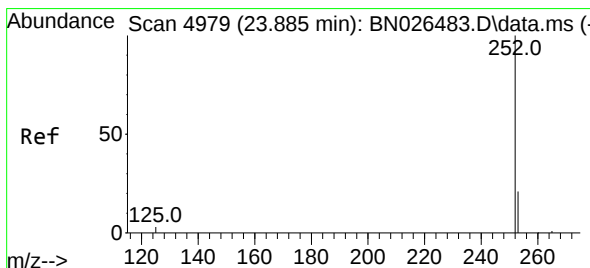
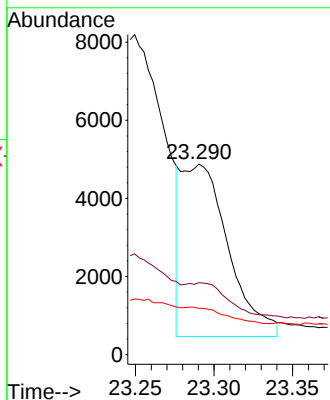
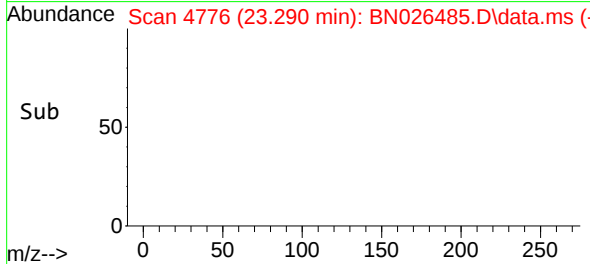
Instrument :
BNA_N
ClientSampleId :
A4635



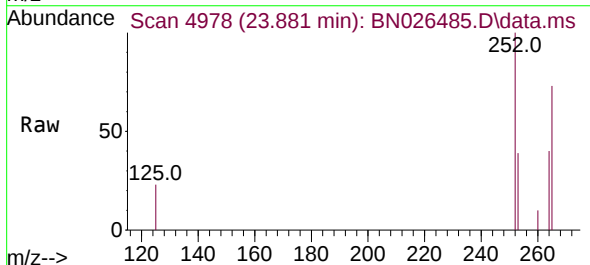
Tgt Ion:252 Resp: 9170
Ion Ratio Lower Upper
252 100
253 37.8 27.2 40.8
125 24.3 13.4 20.2

Manual Integrations
APPROVED

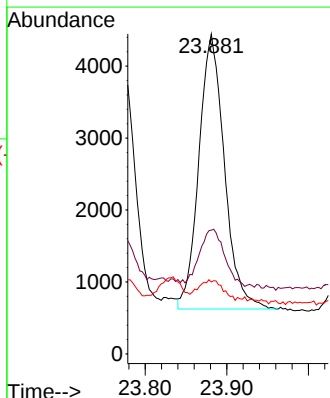
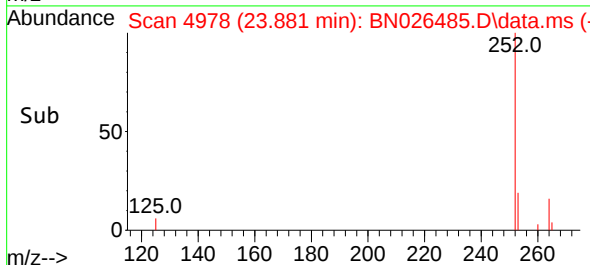
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

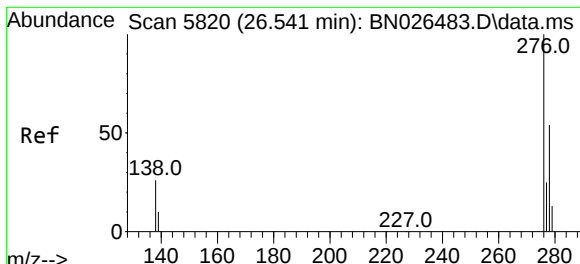


#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.881 min Scan# 4978
Delta R.T. -0.016 min
Lab File: BN026485.D
Acq: 13 Jul 2023 10:13



Tgt Ion:252 Resp: 8307
Ion Ratio Lower Upper
252 100
253 38.7 32.6 49.0
125 22.5 19.3 28.9





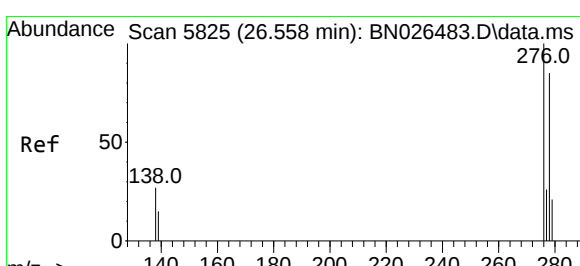
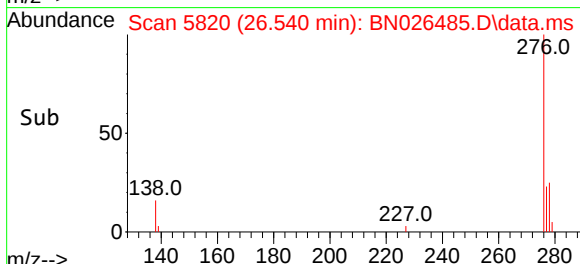
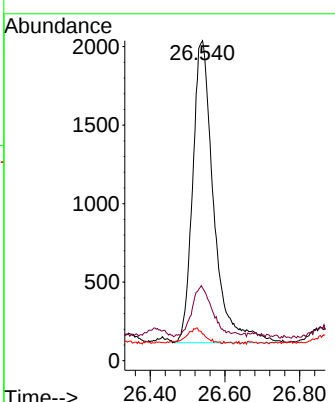
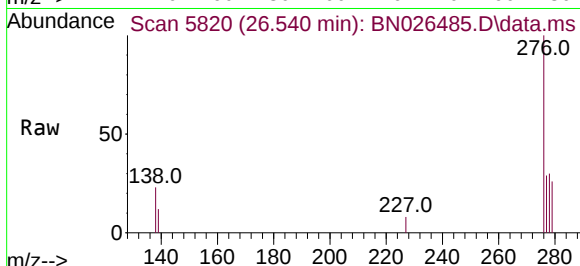
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.254 ng/ul
 RT: 26.540 min Scan# 5820
 Delta R.T. -0.018 min
 Lab File: BN026485.D
 Acq: 13 Jul 2023 10:13

Instrument : BNA_N
 ClientSampleId : A4635

Tgt Ion:	276	Resp:	7494
Ion Ratio	Lower	Upper	
276	100		
138	16.6	22.2	33.4
227	4.4	0.1	0.1

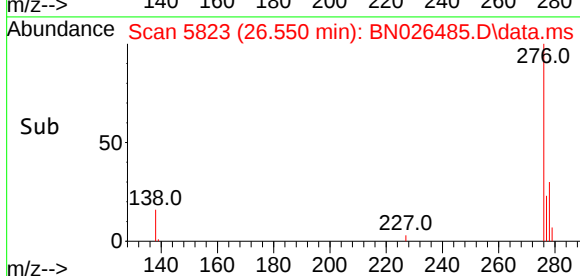
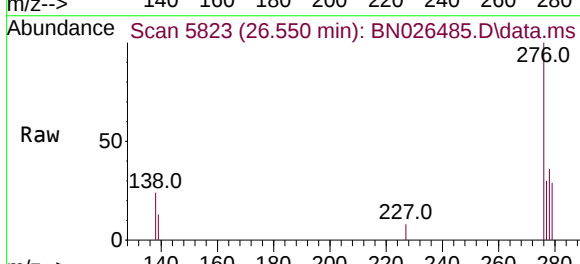
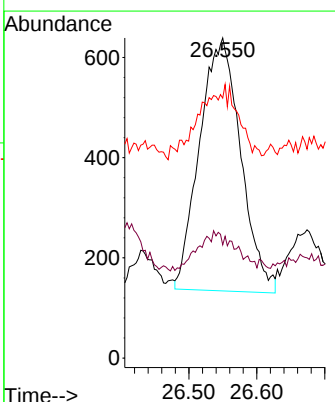
Manual Integrations
 APPROVED

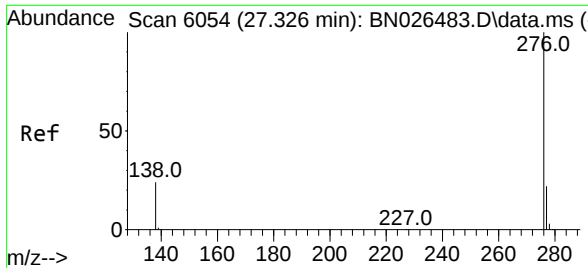
Reviewed By :Yogesh Patel 07/14/2023
 Supervised By :mohammad ahmed 07/14/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.094 ng/ul
 RT: 26.550 min Scan# 5823
 Delta R.T. -0.028 min
 Lab File: BN026485.D
 Acq: 13 Jul 2023 10:13

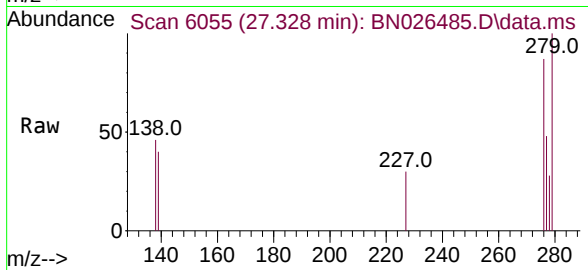
Tgt Ion:	278	Resp:	2118
Ion Ratio	Lower	Upper	
278	100		
139	35.4	18.9	28.3
279	81.2	31.3	46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.040 ng/ul
 RT: 27.328 min Scan# 6055
 Delta R.T. -0.018 min
 Lab File: BN026485.D
 Acq: 13 Jul 2023 10:13

Instrument :
 BNA_N
 ClientSampleId :
 A4635



Tgt Ion: 276 Resp: 1044
 Ion Ratio Lower Upper
 276 100
 138 52.7 22.6 34.0
 277 55.0 21.8 32.8

Manual Integrations
 APPROVED

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

