

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026619.D
 Acq On : 21 Jul 2023 08:23
 Operator : MA/JU
 Sample : 03452-14DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46P4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 08:52:17 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 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	1806	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.636	136	6319	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	3978	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	10258	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	10254	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	10478	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1187	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	568	0.066	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	2027	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.685	128	4625	0.267	ng/ul	98
7) 2-Methylnaphthalene	12.313	142	910	0.092	ng/ul	99
8) 1-Methylnaphthalene	12.522	142	638	0.060	ng/ul	100
10) Acenaphthylene	14.194	152	1355	0.070	ng/ul#	82
11) Acenaphthene	14.532	153	3115	0.210	ng/ul	99
12) Fluorene	15.522	166	3753	0.241	ng/ul	97
15) Phenanthrene	17.257	178	57373	1.756	ng/ul	97
16) Anthracene	17.350	178	8018	0.283	ng/ul#	94
19) Fluoranthene	19.278	202	94125	1.958	ng/ul	99
20) Pyrene	19.641	202	60186	1.153	ng/ul	98
21) Benzo(a)anthracene	21.402	228	39784	1.056	ng/ul	98
22) Chrysene	21.451	228	37570	0.876	ng/ul	99
24) Benzo(b)fluoranthene	23.071	252	45782m	1.122	ng/ul	
25) Benzo(k)fluoranthene	23.115	252	18972m	0.443	ng/ul	
26) Benzo(a)pyrene	23.685	252	12260	0.337	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.244	276	12751	0.268	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.250	278	4298	0.118	ng/ul#	76
29) Benzo(g,h,i)perylene	27.008	276	854	0.020	ng/ul#	22

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

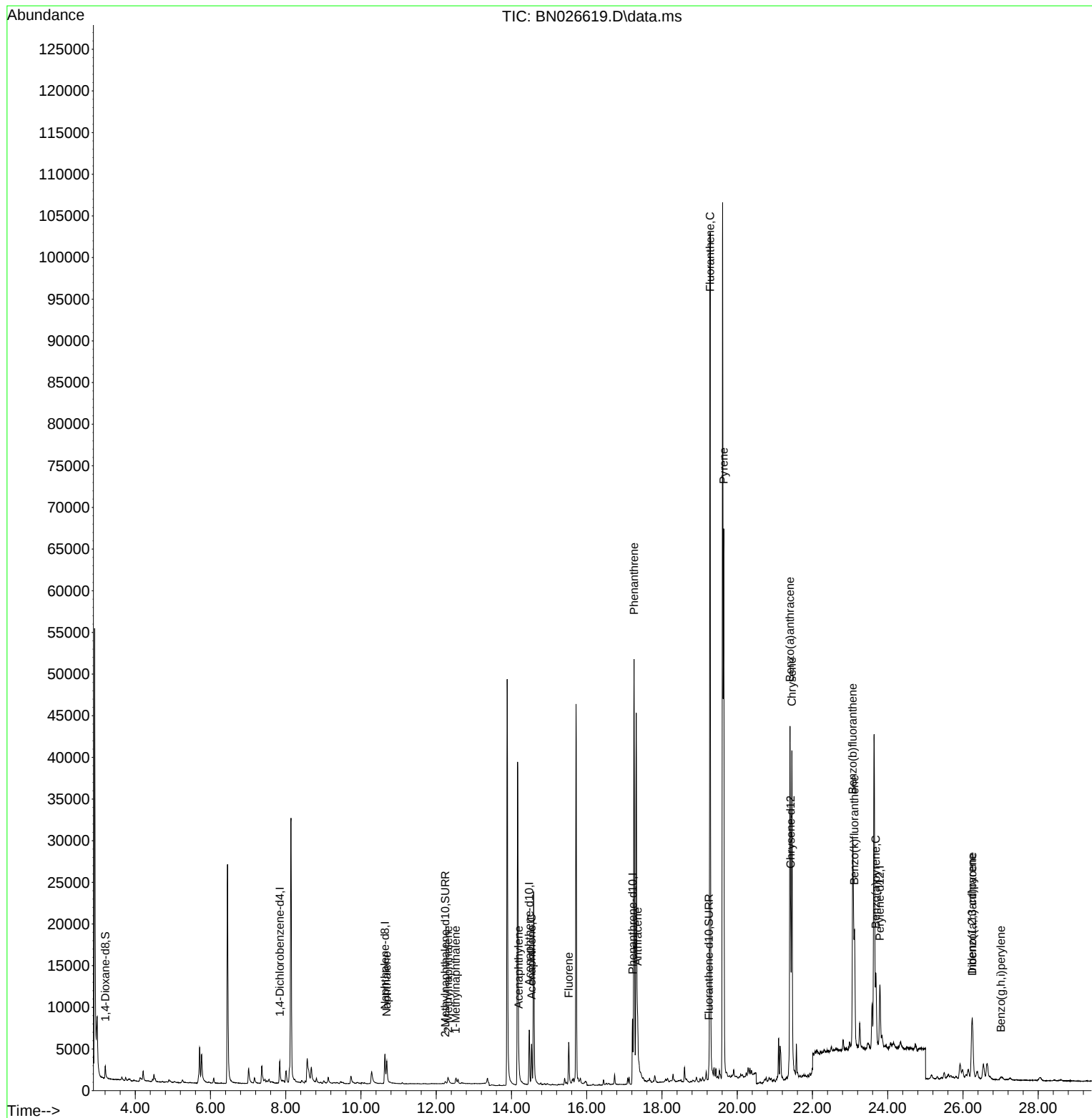
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026619.D
Acq On : 21 Jul 2023 08:23
Operator : MA/JU
Sample : 03452-14DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

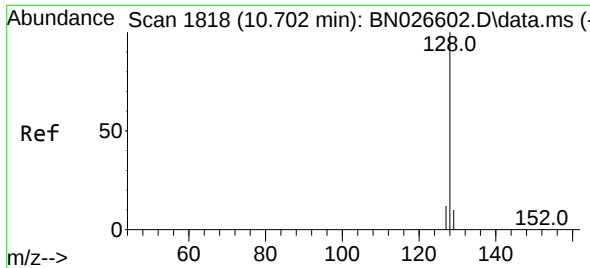
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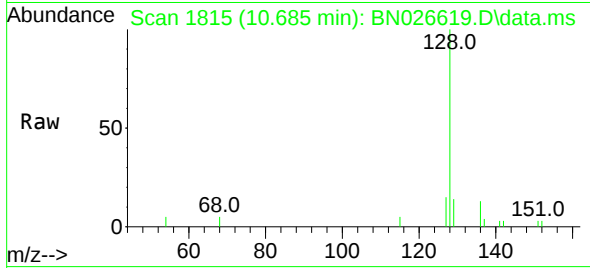
Quant Time: Jul 21 08:52:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.267 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

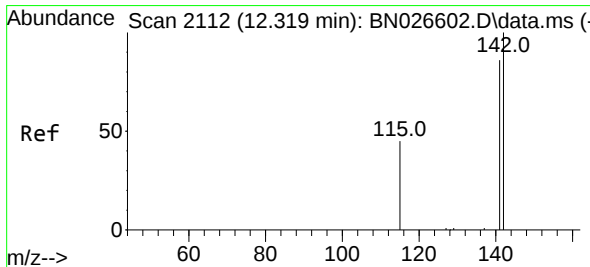
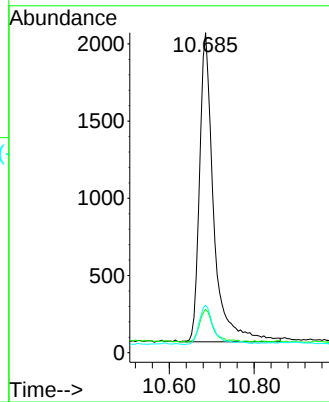
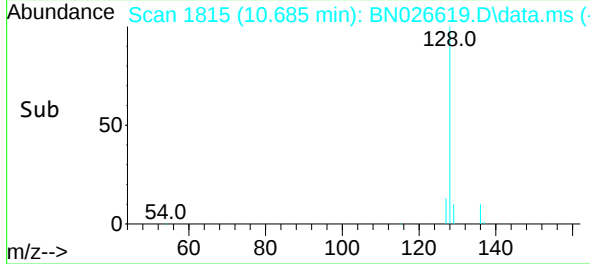
Instrument :
BNA_N
ClientSampleId :
A46P4DL



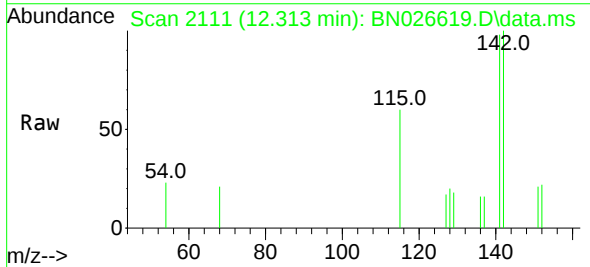
Tgt Ion:128 Resp: 462
Ion Ratio Lower Upper
128 100
129 13.5 10.2 15.2
127 14.8 11.4 17.0

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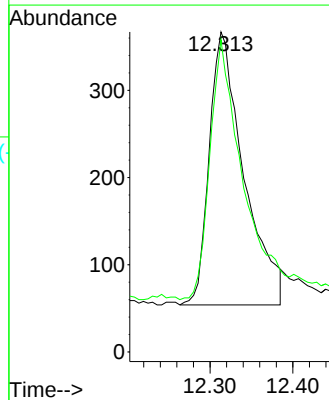
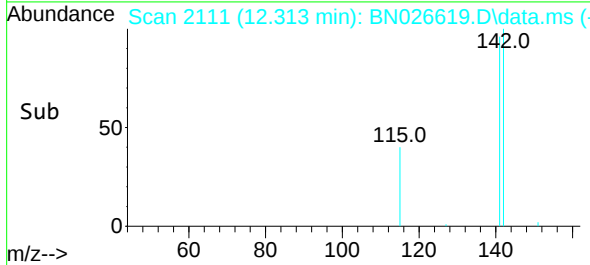
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

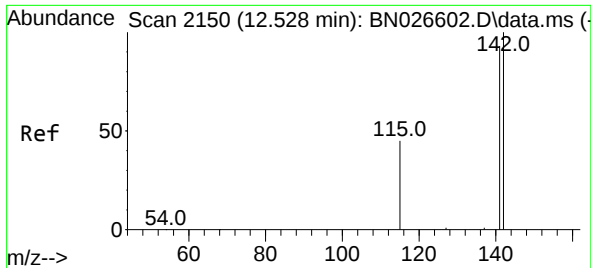


#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.313 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23



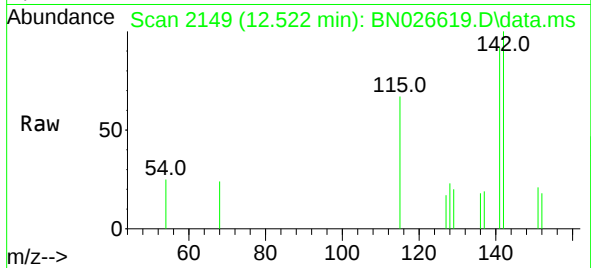
Tgt Ion:142 Resp: 910
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.522 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

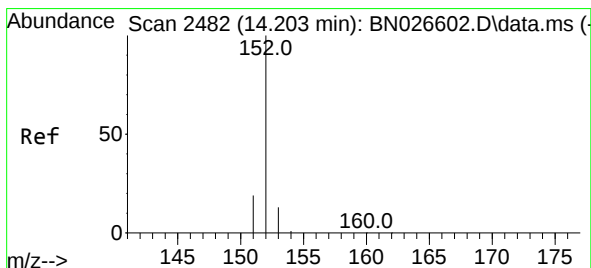
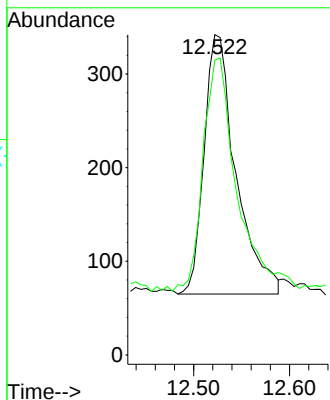
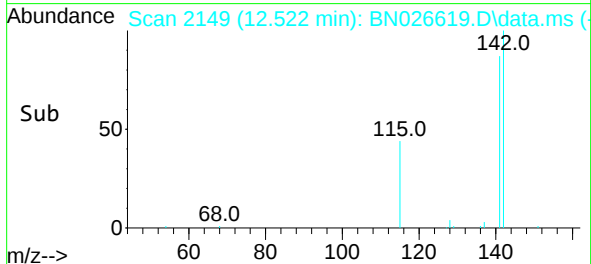
Instrument :
BNA_N
ClientSampleId :
A46P4DL



Tgt Ion:142 Resp: 638
Ion Ratio Lower Upper
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141 93.6 74.5 111.7

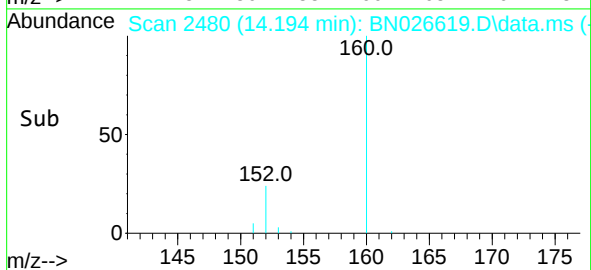
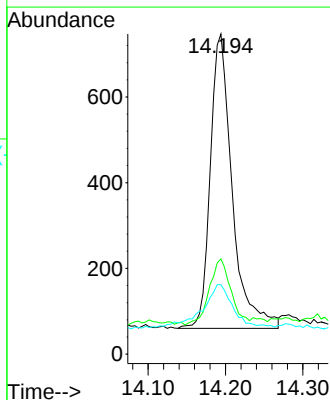
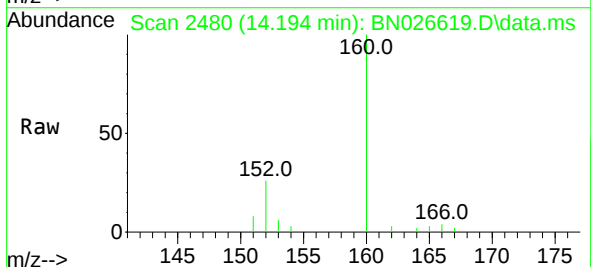
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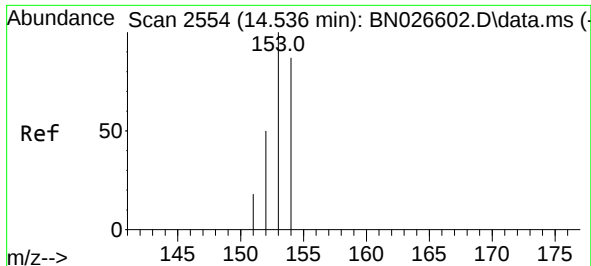
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

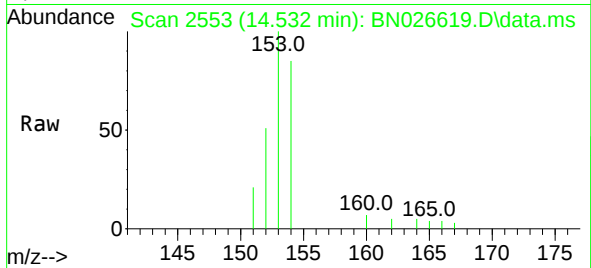
Tgt Ion:152 Resp: 1355
Ion Ratio Lower Upper
152 100
151 29.7 17.0 25.6#
153 21.7 11.4 17.2#





#11
Acenaphthene
Concen: 0.210 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

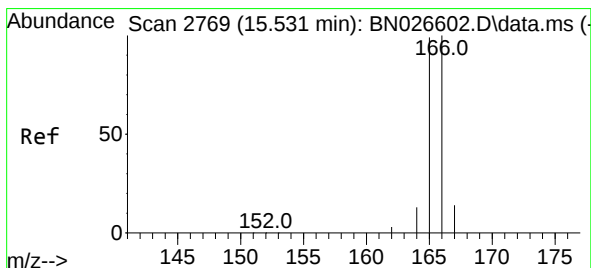
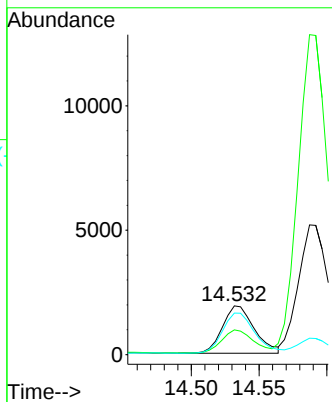
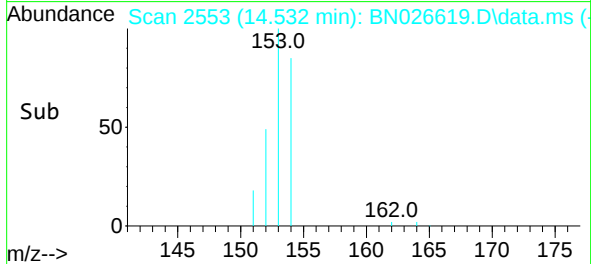
Instrument :
BNA_N
ClientSampleId :
A46P4DL



Tgt Ion:153 Resp: 3115
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 85.0 69.3 103.9

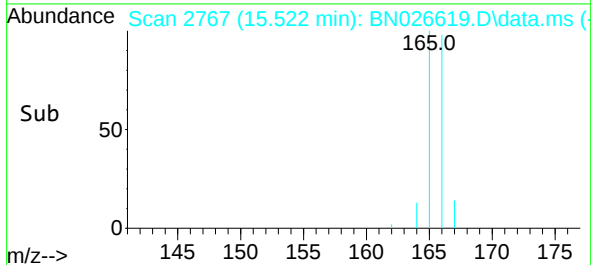
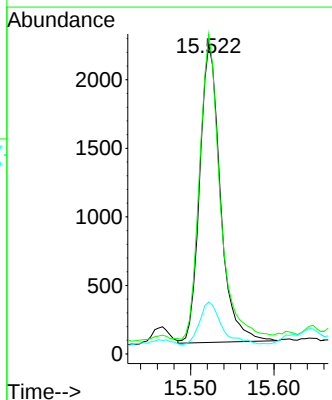
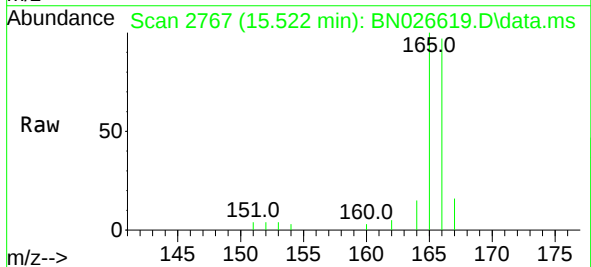
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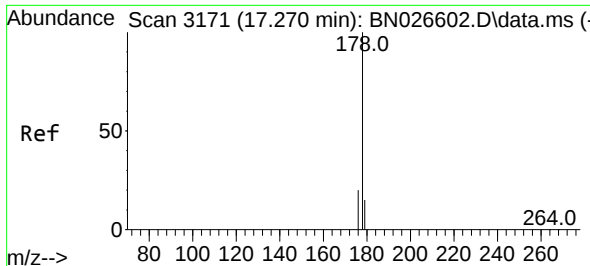
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.241 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

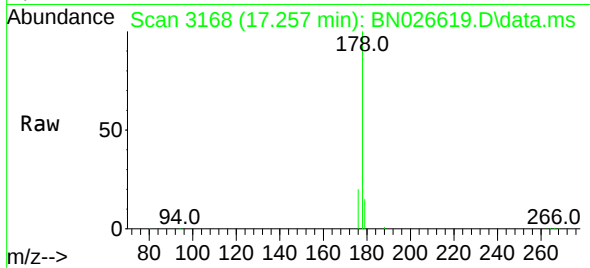
Tgt Ion:166 Resp: 3753
Ion Ratio Lower Upper
166 100
165 103.3 80.6 120.8
167 16.8 12.0 18.0





#15
Phenanthrene
Concen: 1.756 ng/u1
RT: 17.257 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

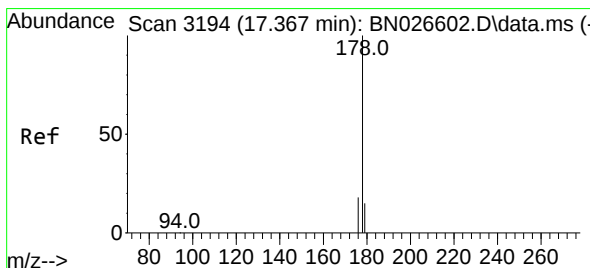
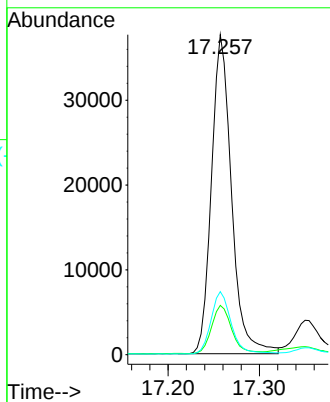
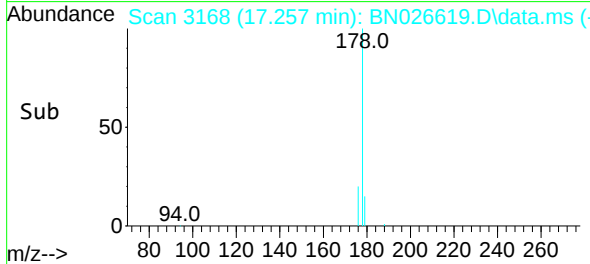
Instrument :
BNA_N
ClientSampleId :
A46P4DL



Tgt Ion:178 Resp: 5737
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.7 16.5 24.7

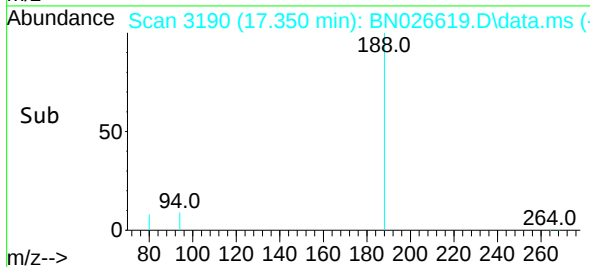
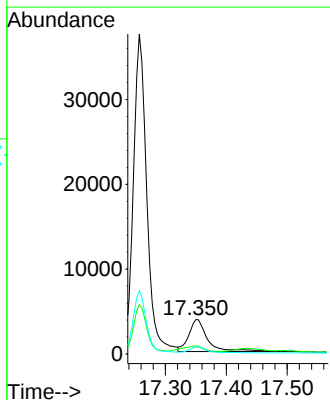
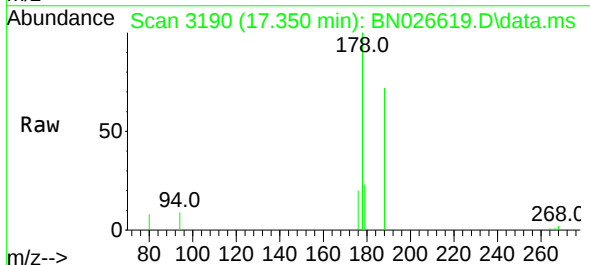
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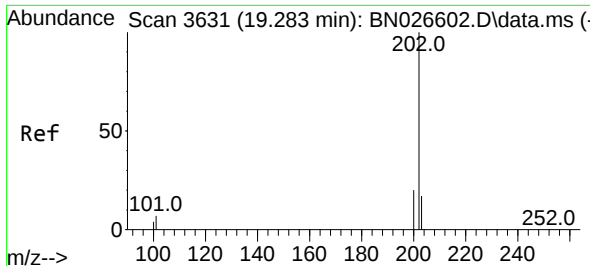
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.283 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

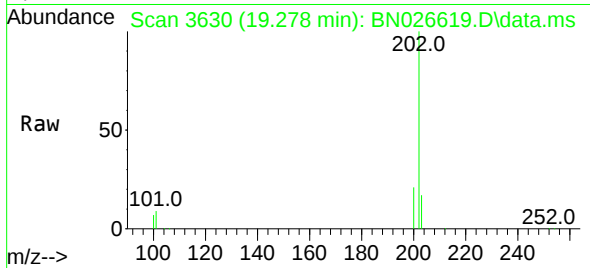
Tgt Ion:178 Resp: 8018
Ion Ratio Lower Upper
178 100
179 23.3 14.8 22.2#
176 20.2 16.6 25.0





#19
Fluoranthene
Concen: 1.958 ng/ul
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

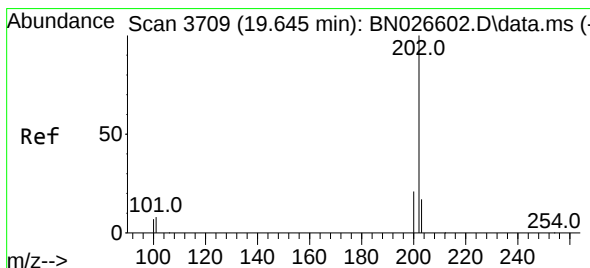
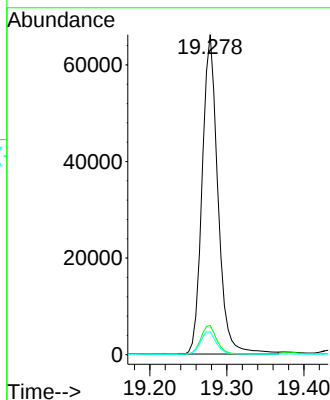
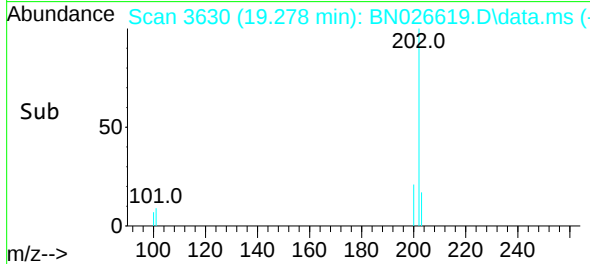
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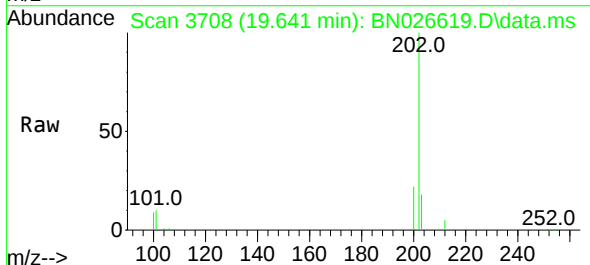
Tgt Ion:202 Resp: 94125
Ion Ratio Lower Upper
202 100
101 9.1 7.0 10.4
100 7.1 6.0 9.0

Manual Integrations
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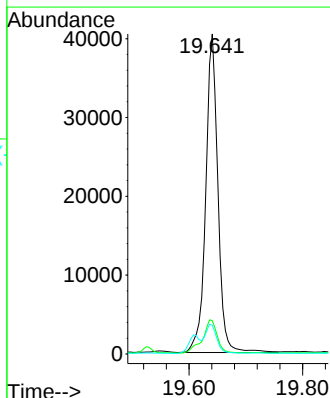
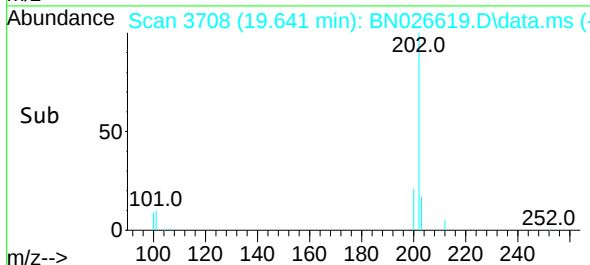
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

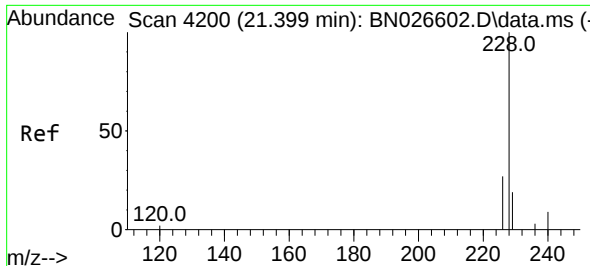


#20
Pyrene
Concen: 1.153 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23



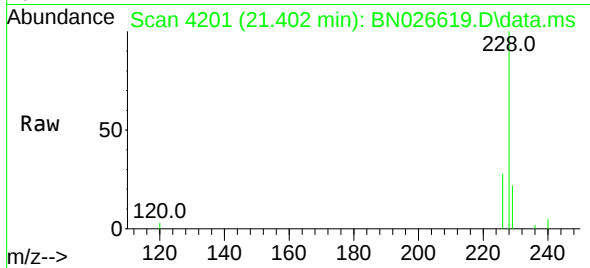
Tgt Ion:202 Resp: 60186
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 9.0 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.056 ng/u1
RT: 21.402 min Scan# 4201
Delta R.T. 0.003 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

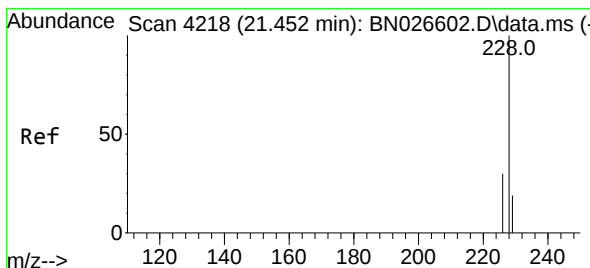
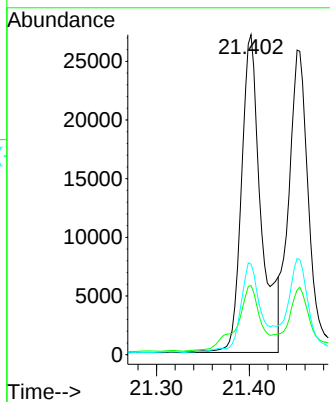
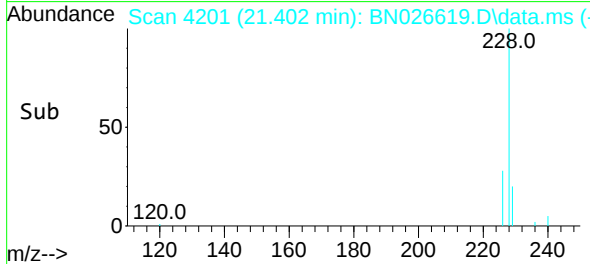
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 39784
Ion Ratio Lower Upper
228 100
229 21.6 16.7 25.1
226 28.4 23.5 35.3

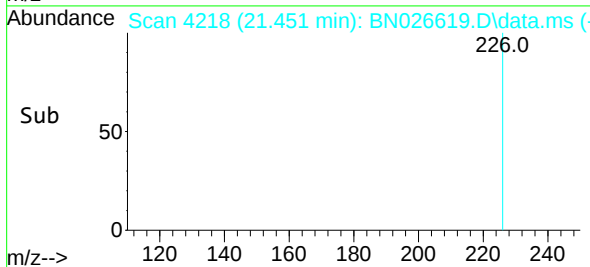
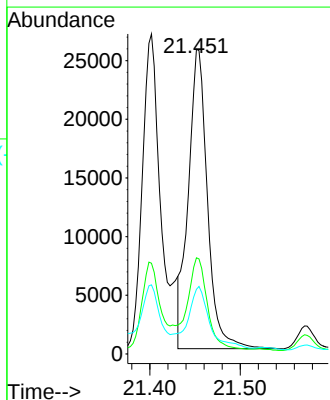
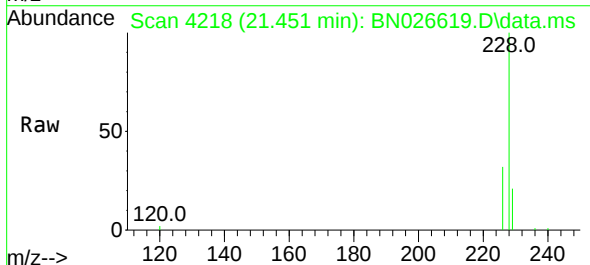
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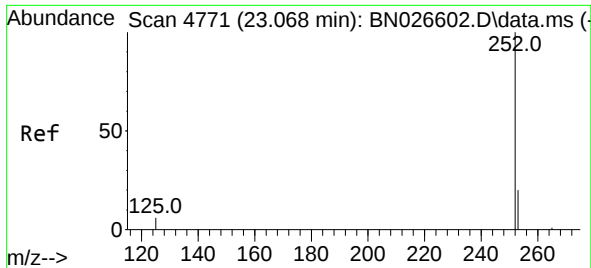
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 0.876 ng/u1
RT: 21.451 min Scan# 4218
Delta R.T. -0.000 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

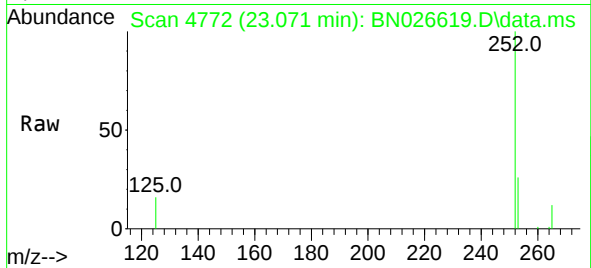
Tgt Ion:228 Resp: 37570
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 21.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.122 ng/ul m
RT: 23.071 min Scan# 4771
Delta R.T. 0.003 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

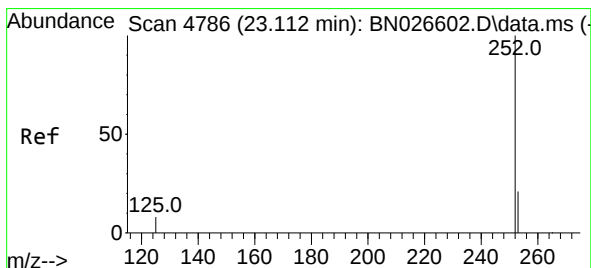
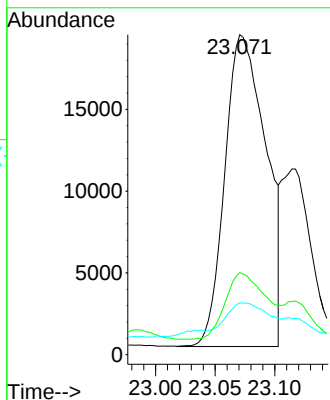
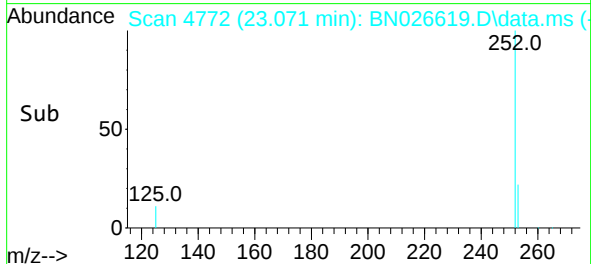
Instrument :
BNA_N
ClientSampleId :
A46P4DL



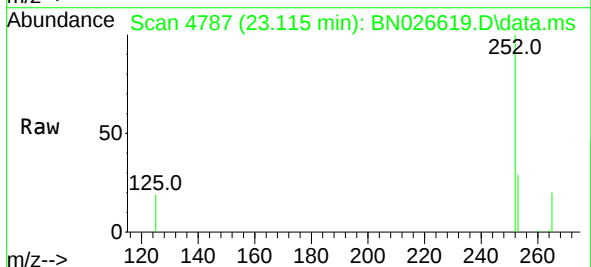
Tgt Ion:252 Resp: 4578
Ion Ratio Lower Upper
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253 25.6 0.0 68.6
125 16.1 0.0 34.0

Manual Integrations
APPROVED

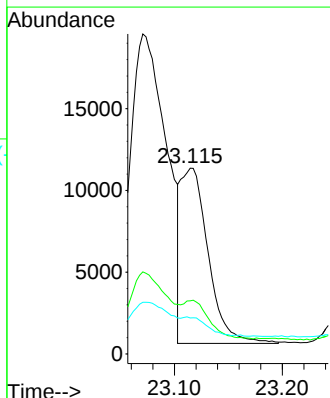
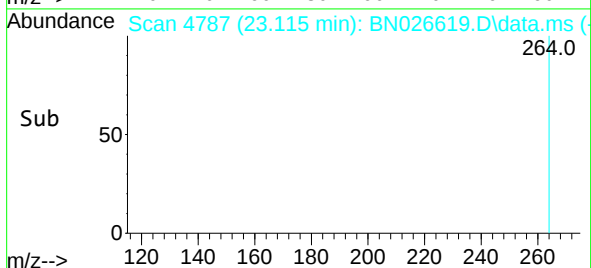
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

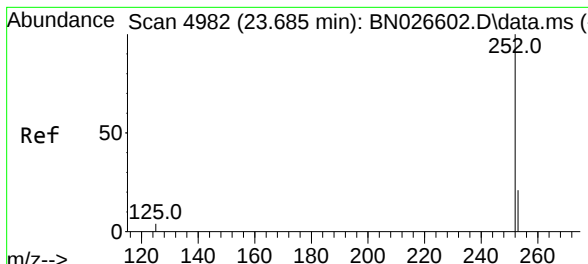


#25
Benzo(k)fluoranthene
Concen: 0.443 ng/ul m
RT: 23.115 min Scan# 4787
Delta R.T. 0.003 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23



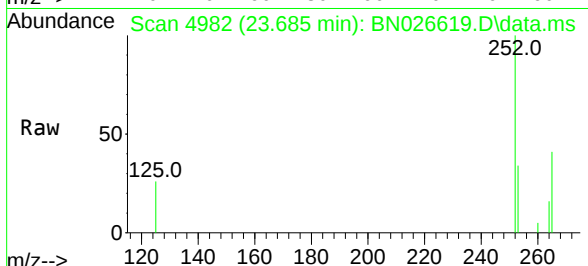
Tgt Ion:252 Resp: 18972
Ion Ratio Lower Upper
252 100
253 28.6 27.2 40.8
125 19.4 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.685 min Scan# 4982
Delta R.T. -0.000 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

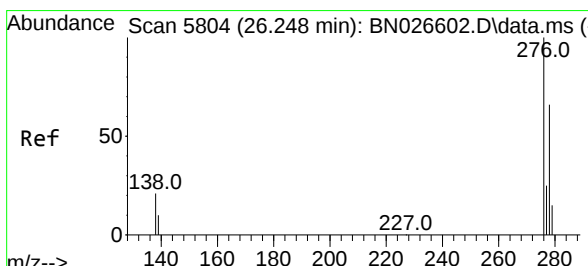
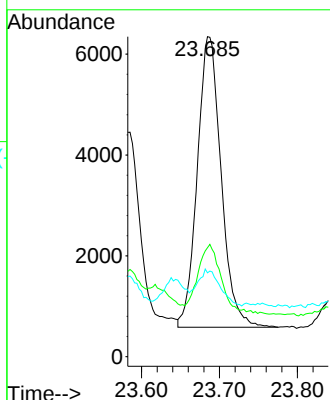
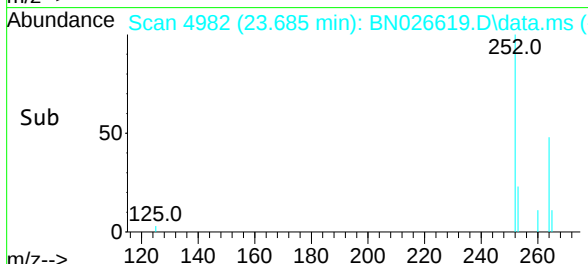
Instrument :
BNA_N
ClientSampleId :
A46P4DL



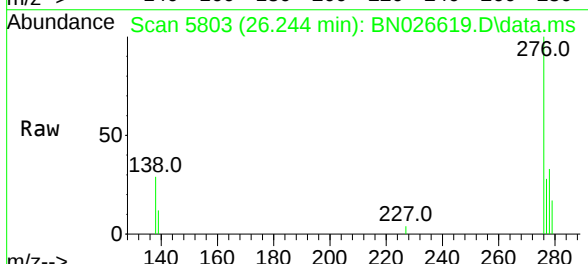
Tgt Ion:252 Resp: 12260
Ion Ratio Lower Upper
252 100
253 34.0 32.6 49.0
125 26.2 19.3 28.9

Manual Integrations
APPROVED

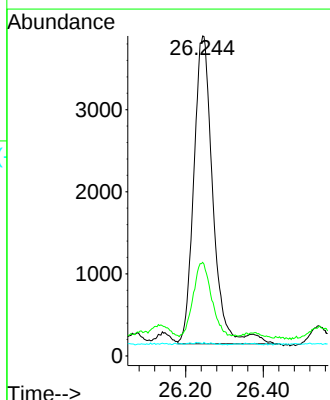
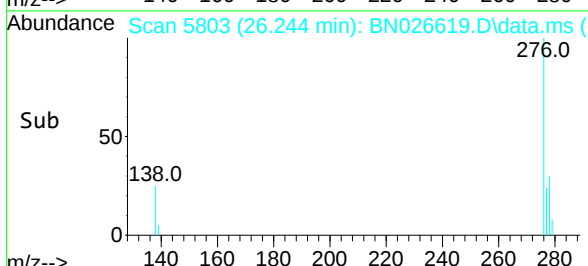
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

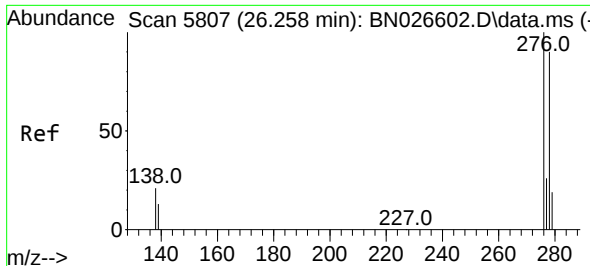


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.004 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23



Tgt Ion:276 Resp: 12751
Ion Ratio Lower Upper
276 100
138 23.5 22.2 33.4
227 0.1 0.1 0.1#





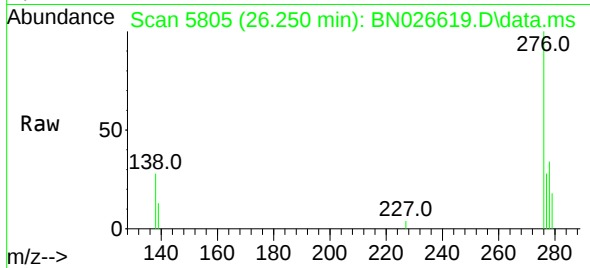
#28
Dibenzo(a,h)anthracene
Concen: 0.118 ng/ul
RT: 26.250 min Scan# 5807
Delta R.T. -0.007 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23

Instrument :

BNA_N

ClientSampleId :

A46P4DL



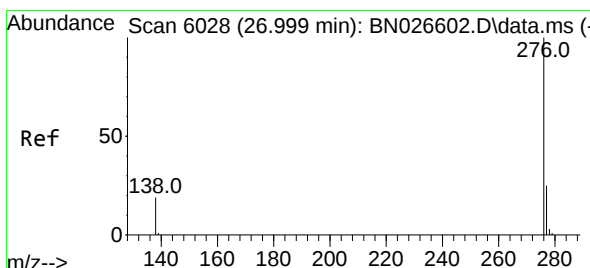
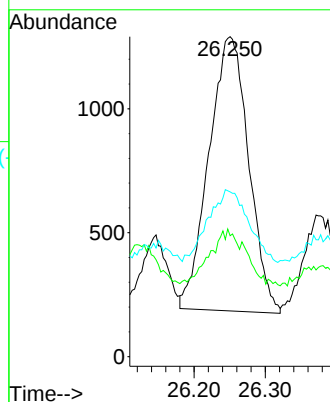
Tgt Ion:278 Resp: 4298
Ion Ratio Lower Upper
278 100
139 37.8 18.9 28.3#
279 51.5 31.3 46.9#

Manual Integrations

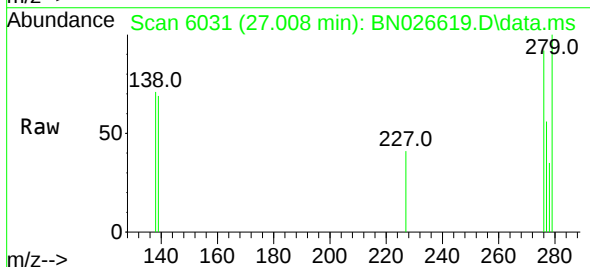
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.020 ng/ul
RT: 27.008 min Scan# 6031
Delta R.T. 0.010 min
Lab File: BN026619.D
Acq: 21 Jul 2023 08:23



Tgt Ion:276 Resp: 854
Ion Ratio Lower Upper
276 100
138 77.3 22.6 34.0#
277 60.3 21.8 32.8#

