

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026553.D
 Acq On : 18 Jul 2023 01:12
 Operator : MA/JU
 Sample : 03458-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 04:23:55 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 : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4243	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	13036	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	8598	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	18966	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.508	240	13753	0.400	ng/ul	#-0.01
23) Perylene-d12	23.919	264	10749	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5374	0.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1501	0.085	ng/ul	-0.01
18) Fluoranthene-d10	19.353	212	4118	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.797	128	4456	0.124	ng/ul	96
7) 2-Methylnaphthalene	12.414	142	484	0.024	ng/ul	97
11) Acenaphthene	14.644	153	918	0.029	ng/ul	97
15) Phenanthrene	17.364	178	5512	0.091	ng/ul	97
19) Fluoranthene	19.381	202	19622	0.304	ng/ul#	96
20) Pyrene	19.739	202	25900	0.370	ng/ul	98
21) Benzo(a)anthracene	21.493	228	3632m	0.072	ng/ul	
22) Chrysene	21.546	228	6937	0.121	ng/ul	96
24) Benzo(b)fluoranthene	23.188	252	6587m	0.157	ng/ul	
25) Benzo(k)fluoranthene	23.229	252	2571m	0.059	ng/ul	
26) Benzo(a)pyrene	23.808	252	2364	0.063	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.436	276	4378	0.090	ng/ul#	77
29) Benzo(g,h,i)perylene	27.218	276	2049	0.048	ng/ul#	81

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

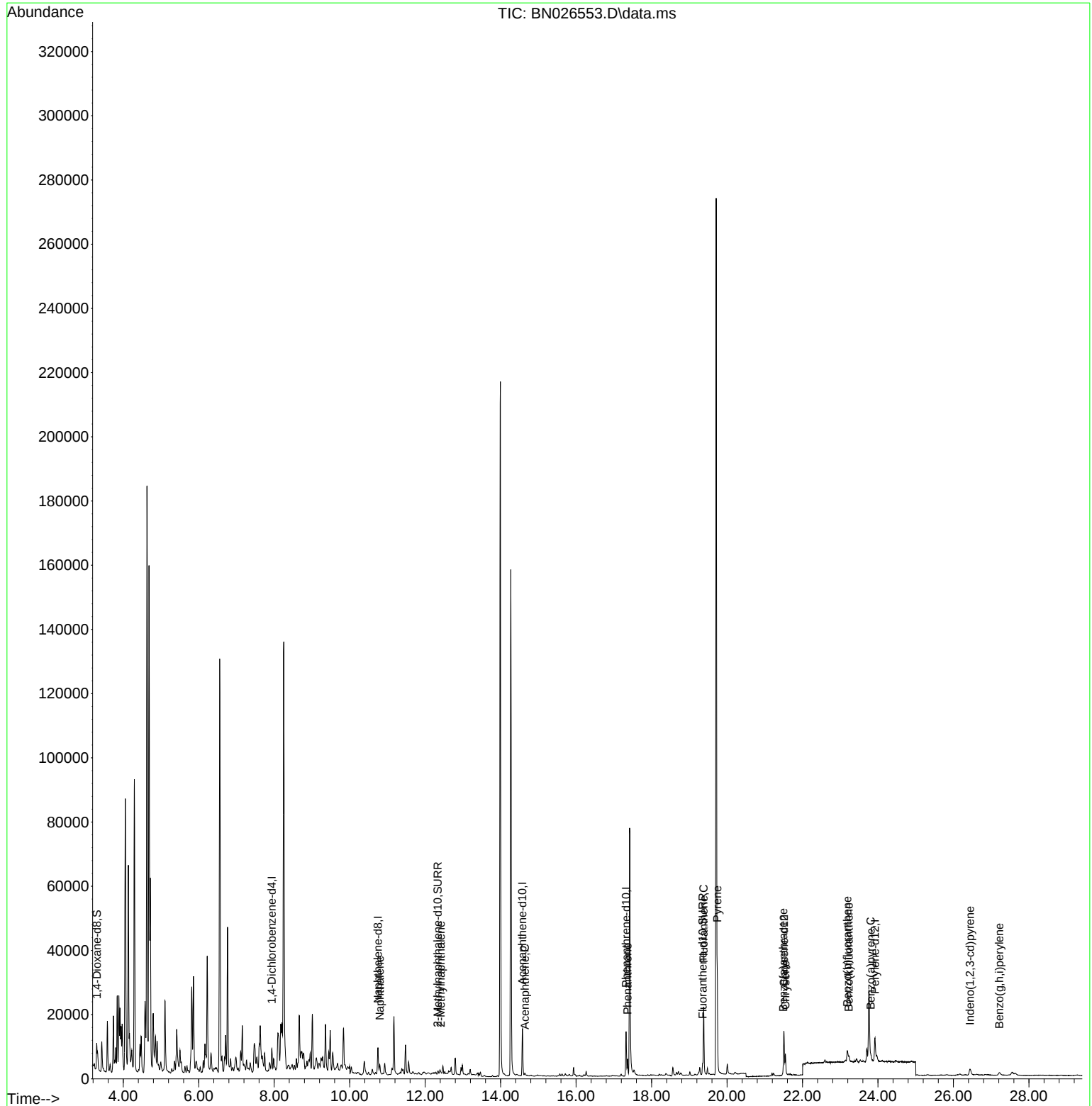
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026553.D
Acq On : 18 Jul 2023 01:12
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ALS Vial : 28 Sample Multiplier: 1

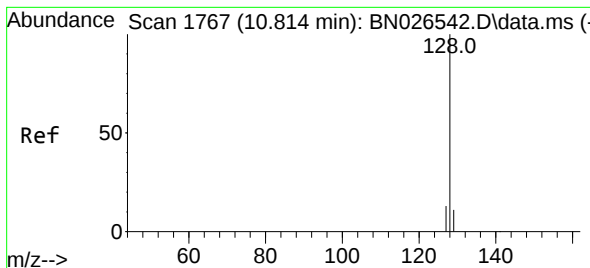
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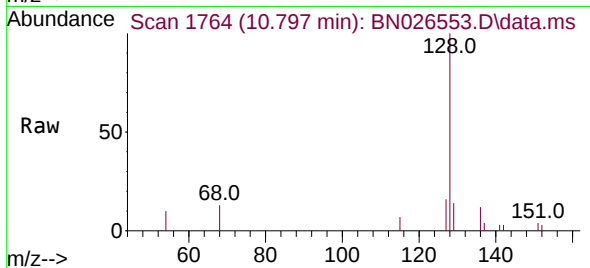
Quant Time: Jul 18 04:23:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
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#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.797 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

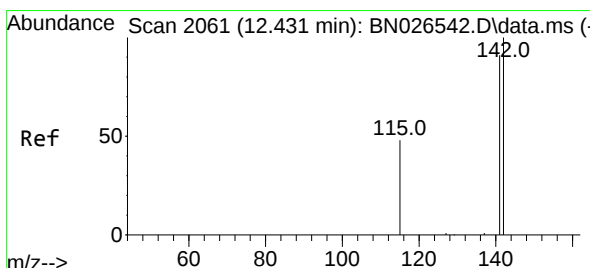
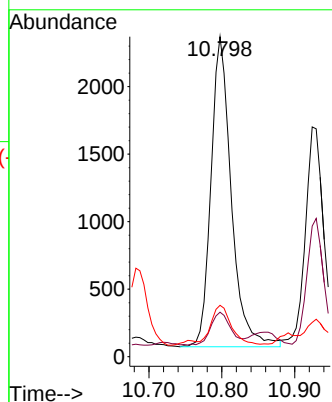
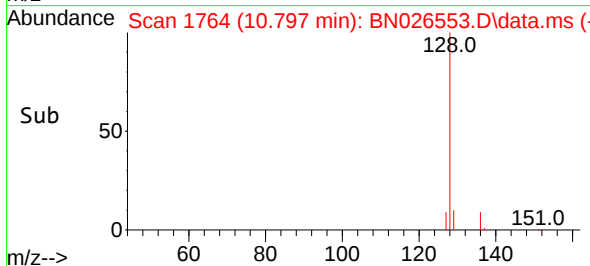
Instrument :
BNA_N
ClientSampleId :
A46M5



Tgt Ion:128 Resp: 4450
Ion Ratio Lower Upper
128 100
129 13.9 10.2 15.2
127 16.0 11.4 17.0

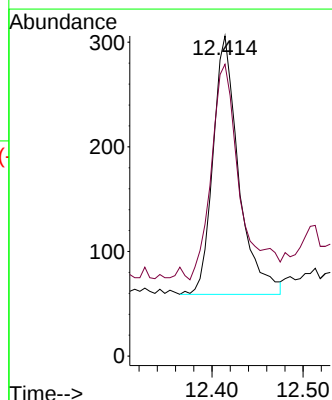
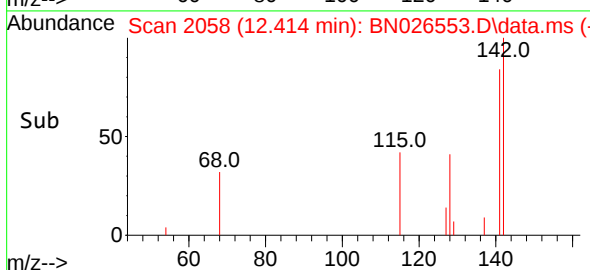
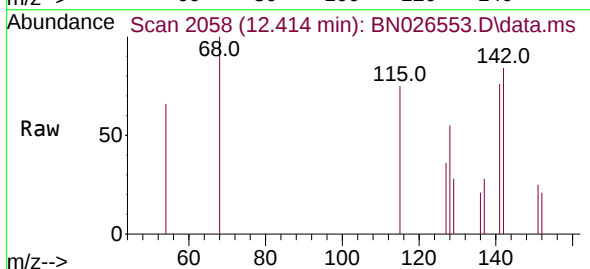
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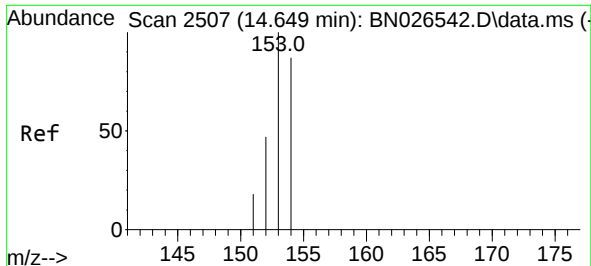
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

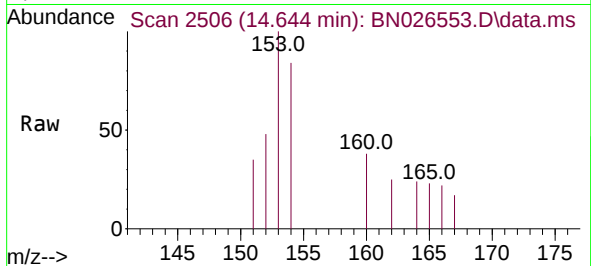
Tgt Ion:142 Resp: 484
Ion Ratio Lower Upper
142 100
141 93.2 72.3 108.5





#11
Acenaphthene
Concen: 0.029 ng/u1
RT: 14.644 min Scan# 2507
Delta R.T. 0.004 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

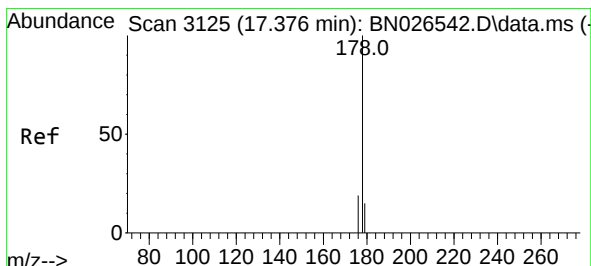
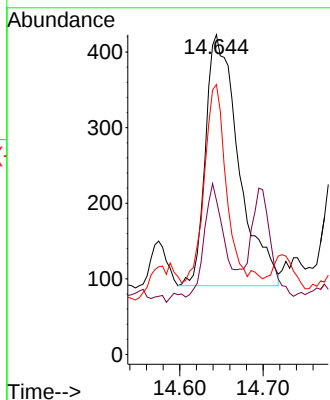
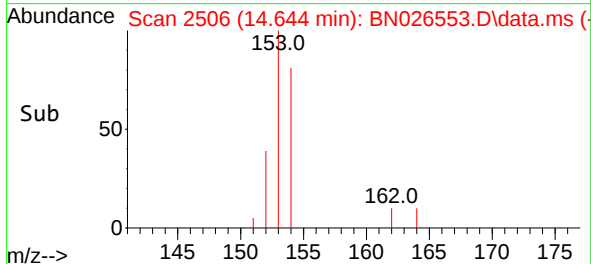
Instrument :
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Tgt Ion:153 Resp: 918
Ion Ratio Lower Upper
153 100
152 48.2 40.2 60.4
154 84.4 69.3 103.9

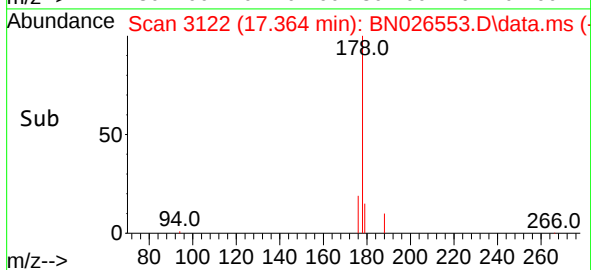
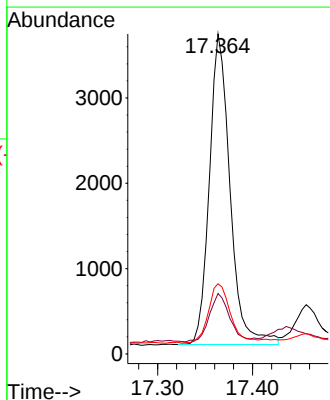
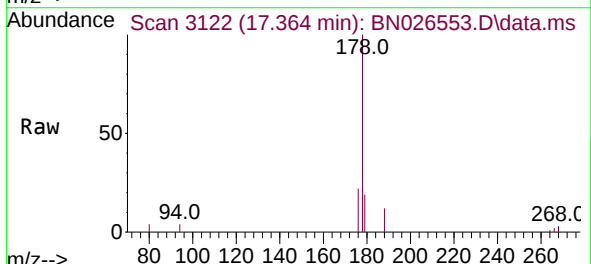
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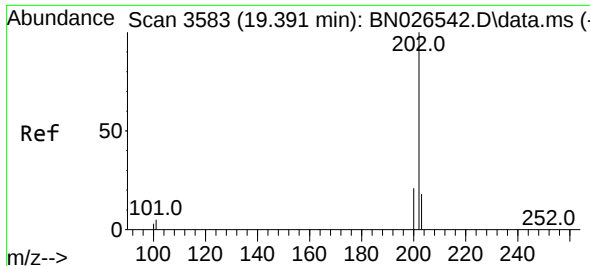
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#15
Phenanthrene
Concen: 0.091 ng/u1
RT: 17.364 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

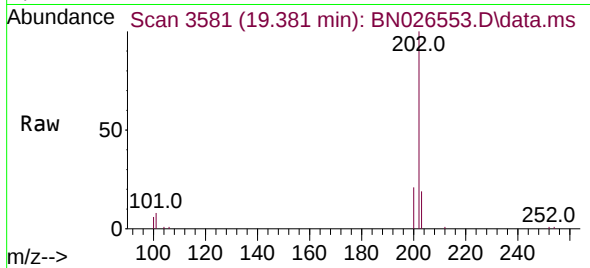
Tgt Ion:178 Resp: 5512
Ion Ratio Lower Upper
178 100
179 18.9 13.7 20.5
176 21.9 16.5 24.7





#19
Fluoranthene
Concen: 0.304 ng/u1
RT: 19.381 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

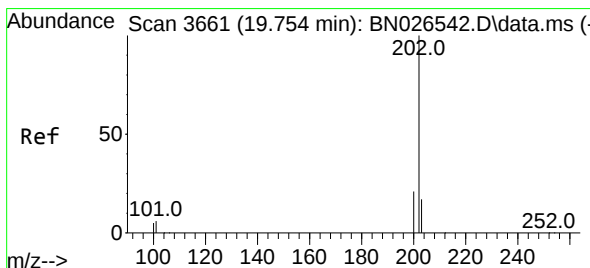
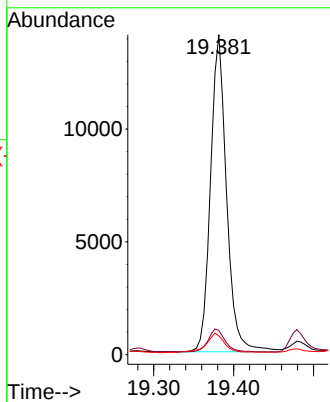
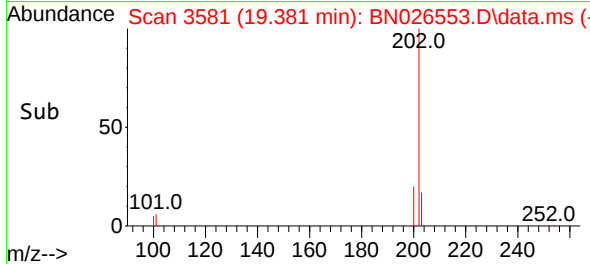
Instrument :
BNA_N
ClientSampleId :
A46M5



Tgt Ion:202 Resp: 1962
Ion Ratio Lower Upper
202 100
101 7.6 7.0 10.4
100 5.9 6.0 9.0

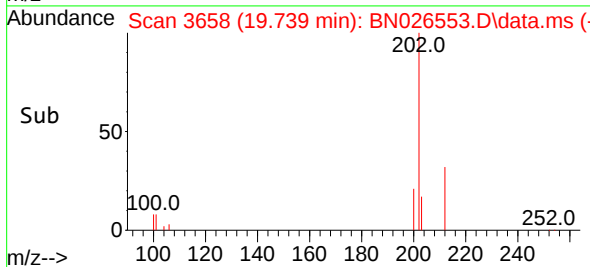
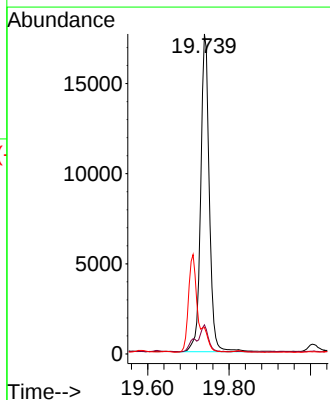
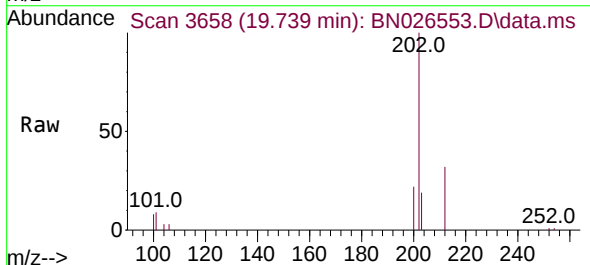
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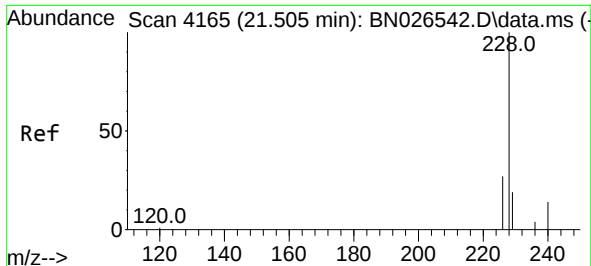
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.370 ng/u1
RT: 19.739 min Scan# 3658
Delta R.T. -0.010 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

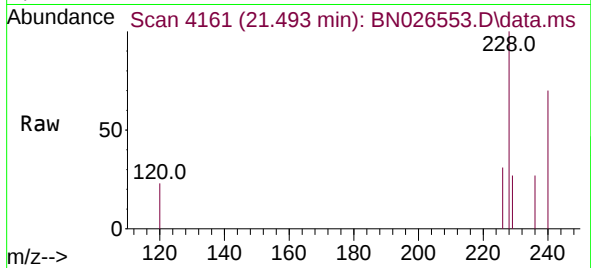
Tgt Ion:202 Resp: 25900
Ion Ratio Lower Upper
202 100
101 9.1 8.0 12.0
100 8.2 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.072 ng/ul m
RT: 21.493 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

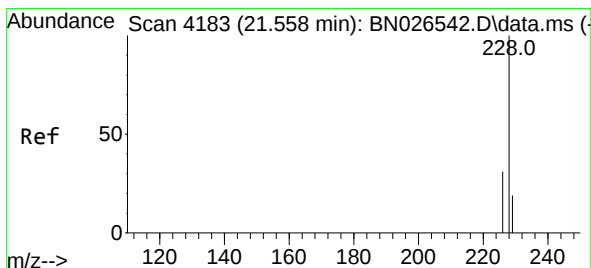
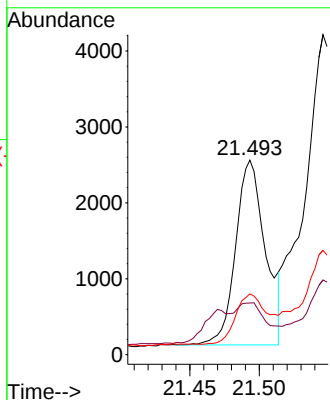
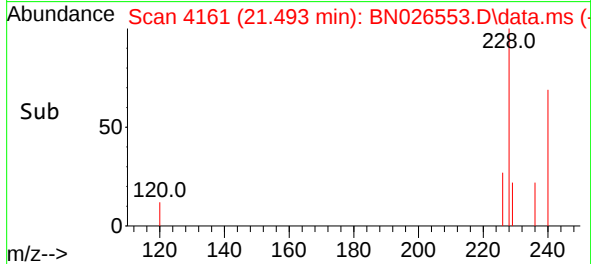
Instrument :
BNA_N
ClientSampleId :
A46M5



Tgt Ion:228 Resp: 3632
Ion Ratio Lower Upper
228 100
229 26.6 16.7 25.1
226 31.3 23.5 35.3

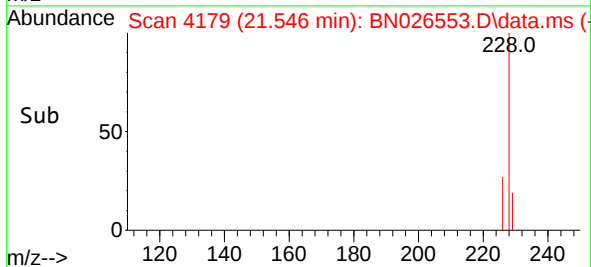
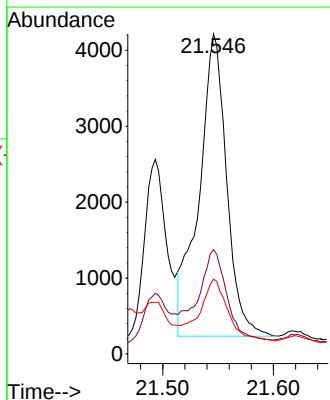
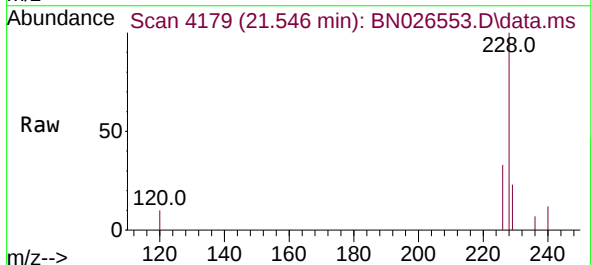
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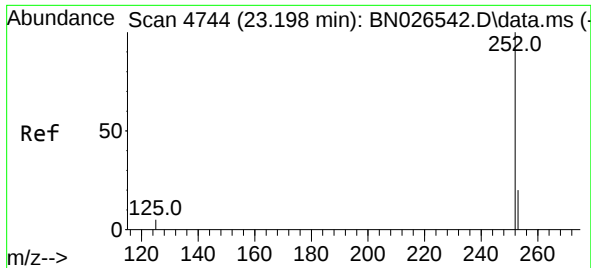
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. -0.012 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

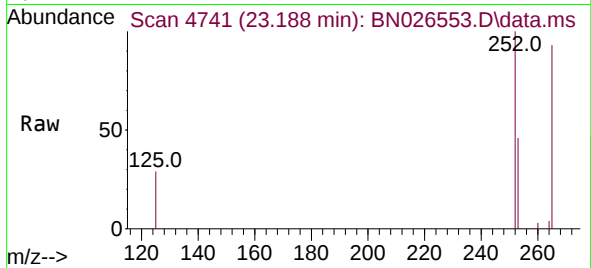
Tgt Ion:228 Resp: 6937
Ion Ratio Lower Upper
228 100
226 32.6 25.2 37.8
229 23.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.157 ng/ul m
RT: 23.188 min Scan# 4741
Delta R.T. -0.006 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

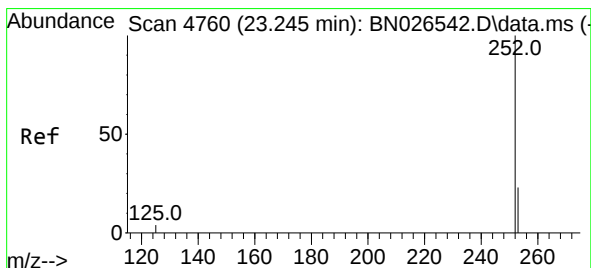
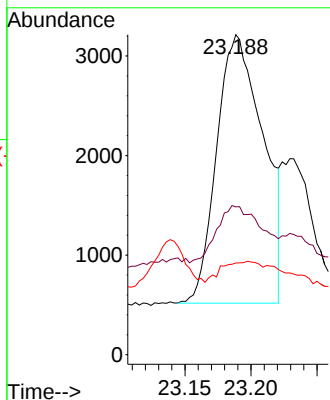
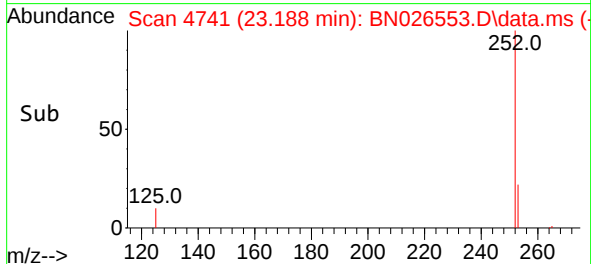
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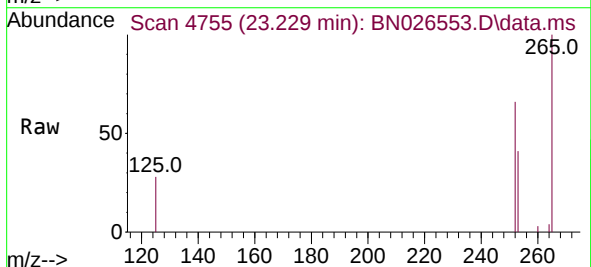
Tgt Ion:252 Resp: 658
Ion Ratio Lower Upper
252 100
253 46.2 0.0 68.6
125 28.7 0.0 34.0

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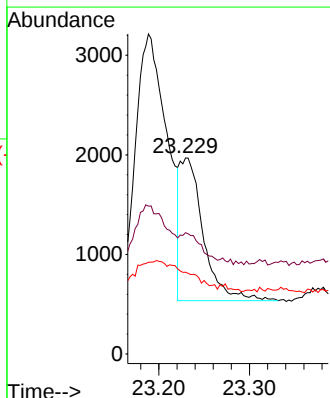
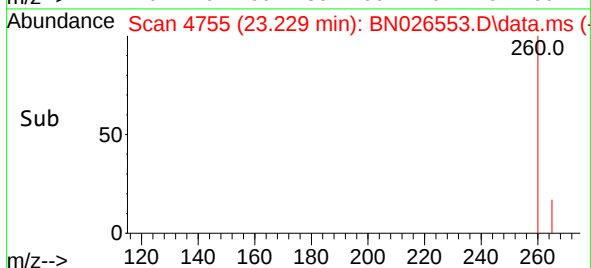
Reviewed By :Yogesh Patel 07/19/2023
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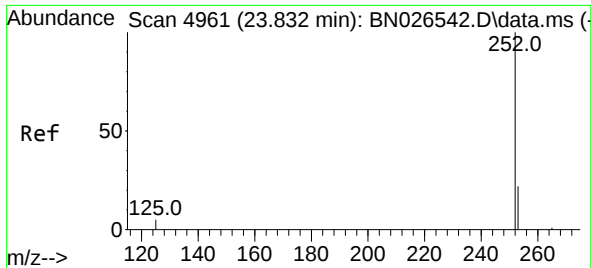


#25
Benzo(k)fluoranthene
Concen: 0.059 ng/ul m
RT: 23.229 min Scan# 4755
Delta R.T. -0.015 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12



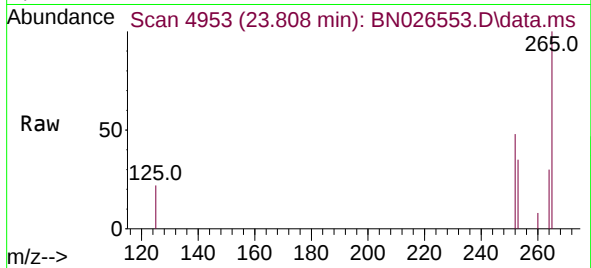
Tgt Ion:252 Resp: 2571
Ion Ratio Lower Upper
252 100
253 61.9 27.2 40.8#
125 41.7 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.808 min Scan# 4961
Delta R.T. -0.018 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

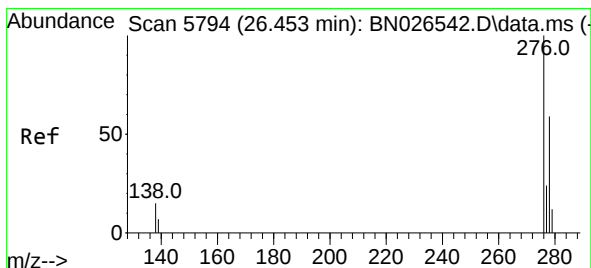
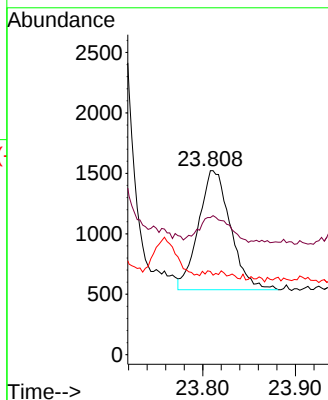
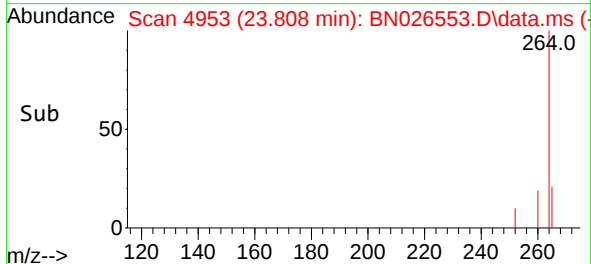
Instrument :
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Tgt Ion:252 Resp: 2364
Ion Ratio Lower Upper
252 100
253 74.5 32.6 49.0
125 45.2 19.3 28.9

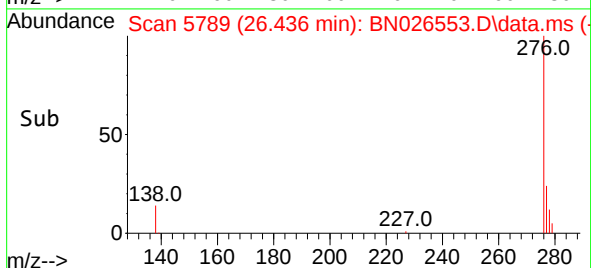
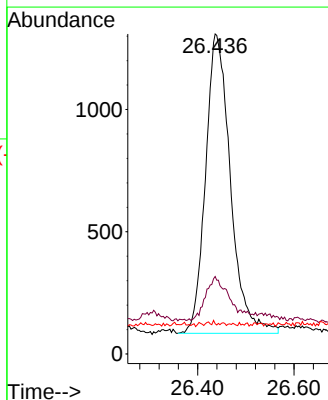
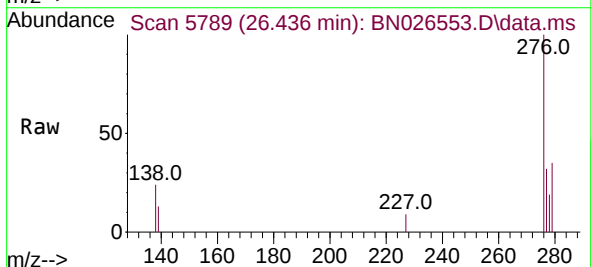
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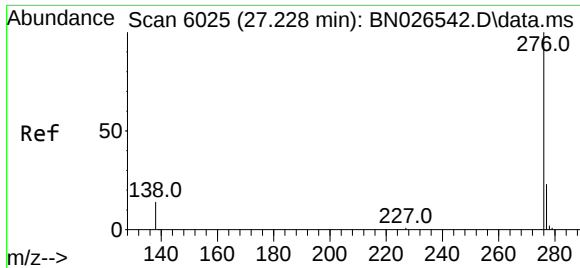
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 26.436 min Scan# 5789
Delta R.T. -0.017 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

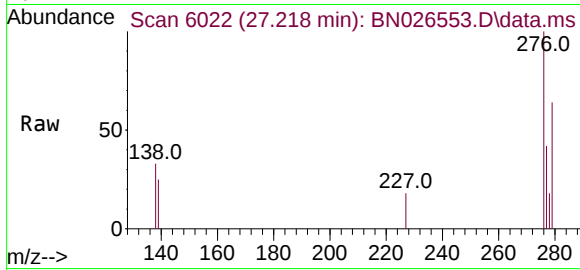
Tgt Ion:276 Resp: 4378
Ion Ratio Lower Upper
276 100
138 15.5 22.2 33.4
227 0.1 0.1 0.1





#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 27.218 min Scan# 6025
Delta R.T. -0.007 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5



Tgt Ion:276 Resp: 2049
Ion Ratio Lower Upper
276 100
138 33.1 22.6 34.0
277 42.3 21.8 32.8

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