

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026571.D
 Acq On : 18 Jul 2023 19:14
 Operator : MA/JU
 Sample : 03458-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M6

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 00:18:29 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 : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2422	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.737	136	7272	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	4770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	12277	0.400	ng/ul	0.00
17) Chrysene-d12	21.525	240	10928	0.400	ng/ul	# 0.00
23) Perylene-d12	23.960	264	8709	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	1278	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1009	0.102	ng/ul	-0.01
18) Fluoranthene-d10	19.358	212	3428	0.090	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	1094	0.055	ng/ul#	74
10) Acenaphthylene	14.292	152	664	0.028	ng/ul#	50
12) Fluorene	15.624	166	444	0.024	ng/ul#	83
15) Phenanthrene	17.367	178	4505	0.115	ng/ul	95
19) Fluoranthene	19.386	202	13332	0.260	ng/ul	99
20) Pyrene	19.748	202	4921	0.088	ng/ul#	92
21) Benzo(a)anthracene	21.508	228	6425	0.160	ng/ul#	87
22) Chrysene	21.560	228	5724	0.125	ng/ul#	78
24) Benzo(b)fluoranthene	23.223	252	6800m	0.200	ng/ul	
25) Benzo(k)fluoranthene	23.261	252	3490m	0.098	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.503	276	876	0.022	ng/ul#	66
28) Dibenzo(a,h)anthracene	26.510	278	886	0.029	ng/ul#	1

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

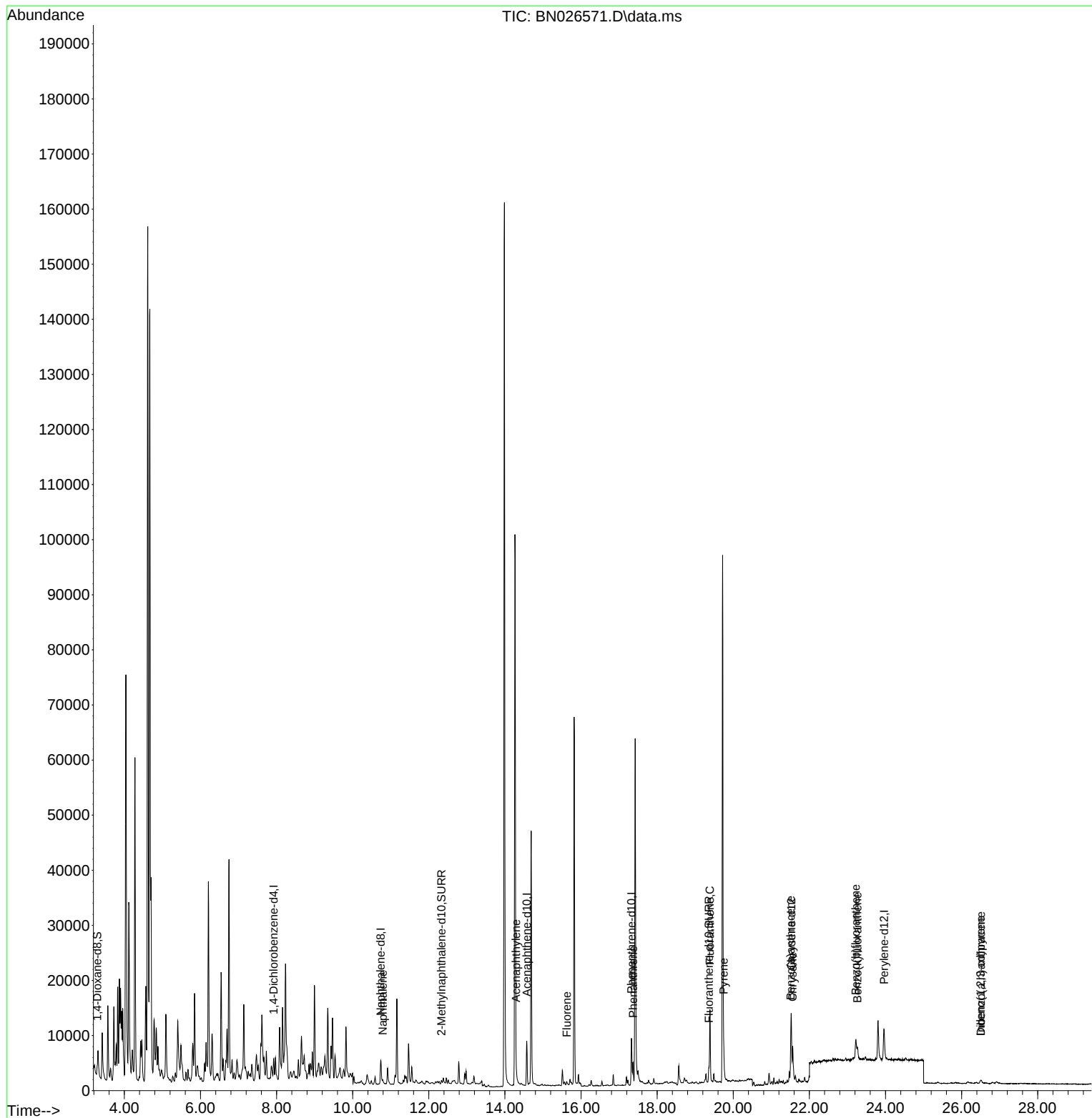
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026571.D
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ALS Vial : 13 Sample Multiplier: 1

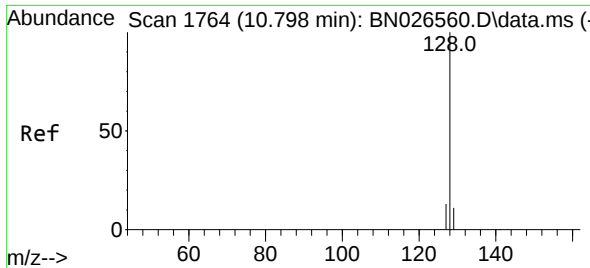
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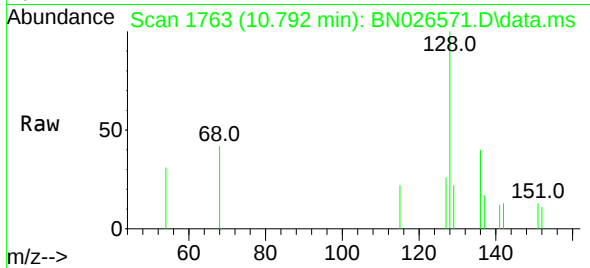
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

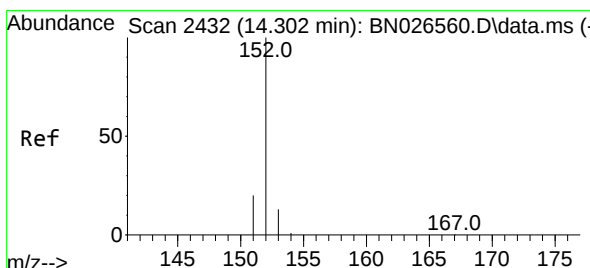
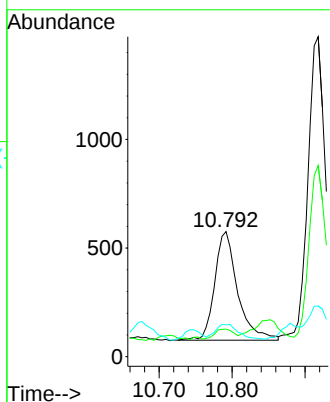
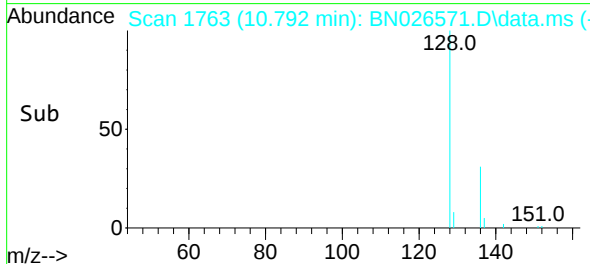
Instrument :
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A46M6



Tgt Ion:128 Resp: 1094
Ion Ratio Lower Upper
128 100
129 22.0 10.2 15.2#
127 25.5 11.4 17.0#

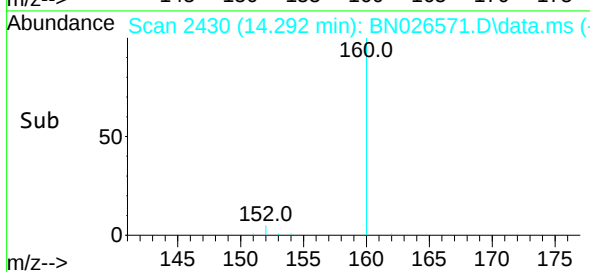
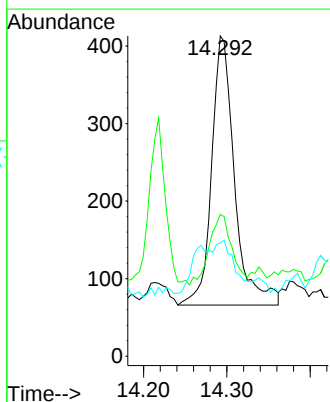
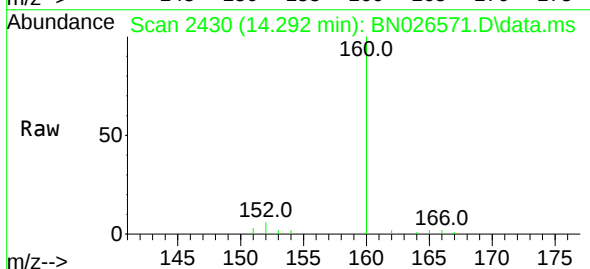
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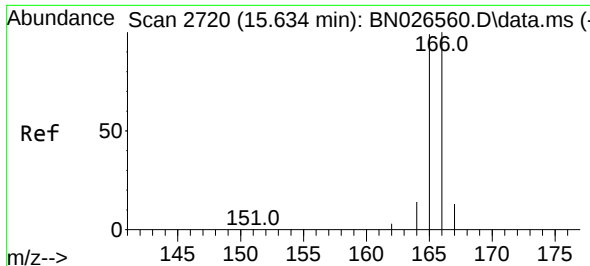
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.292 min Scan# 2430
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

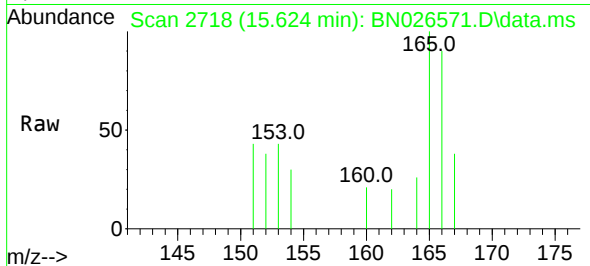
Tgt Ion:152 Resp: 664
Ion Ratio Lower Upper
152 100
151 44.3 17.0 25.6#
153 35.4 11.4 17.2#





#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.624 min Scan# 21
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

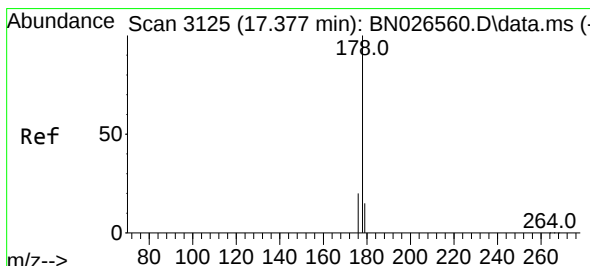
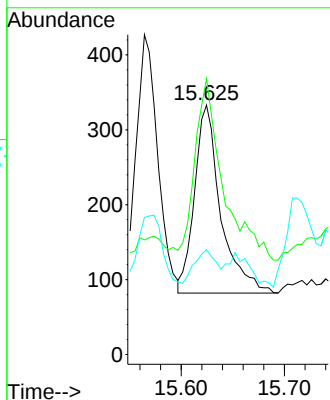
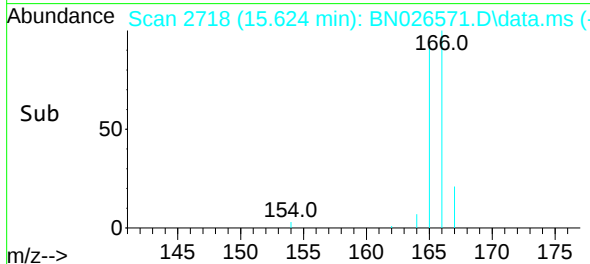
Instrument :
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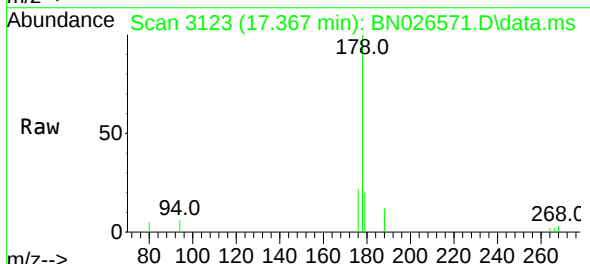
Tgt Ion:166 Resp: 444
Ion Ratio Lower Upper
166 100
165 110.5 80.6 120.8
167 42.0 12.0 18.0

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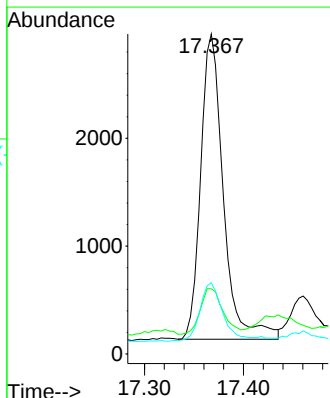
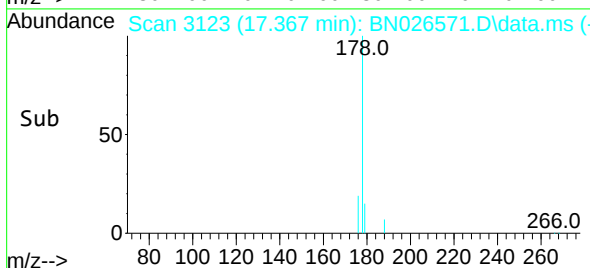
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

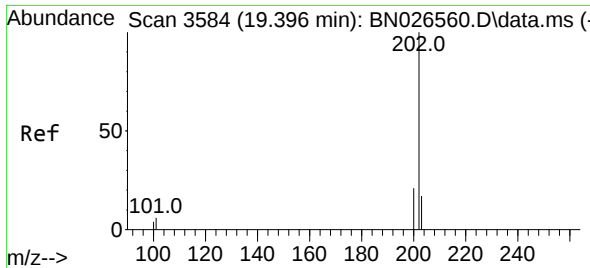


#15
Phenanthrene
Concen: 0.115 ng/u1
RT: 17.367 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14



Tgt Ion:178 Resp: 4505
Ion Ratio Lower Upper
178 100
179 20.4 13.7 20.5
176 22.2 16.5 24.7





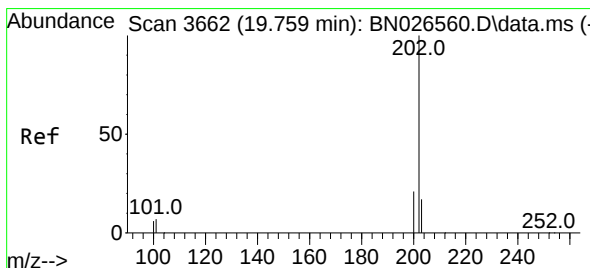
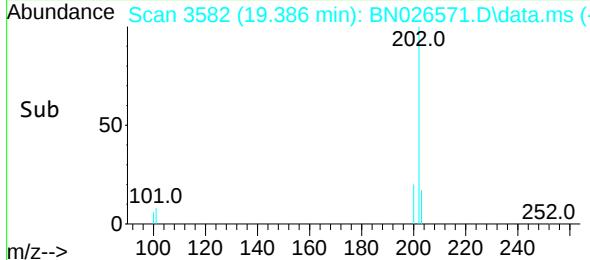
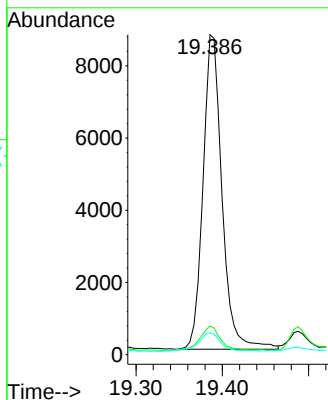
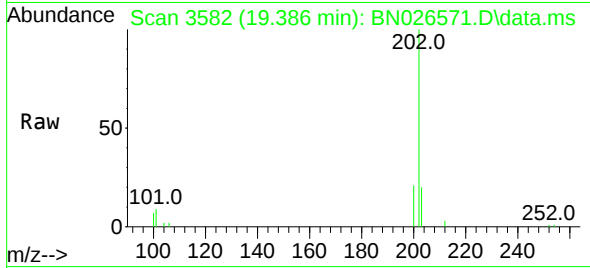
#19
Fluoranthene
Concen: 0.260 ng/ul
RT: 19.386 min Scan# 3584
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :
A46M6

Tgt Ion:202 Resp: 1333
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.4
100 6.8 6.0 9.0

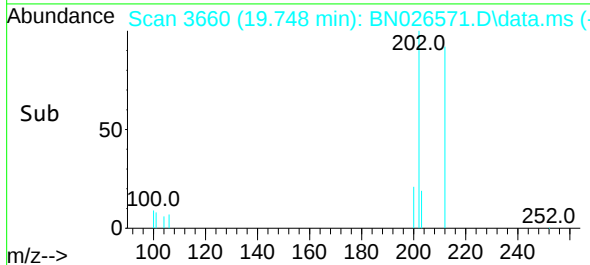
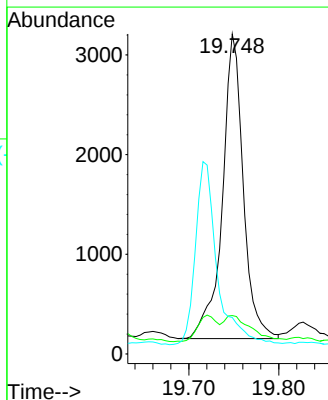
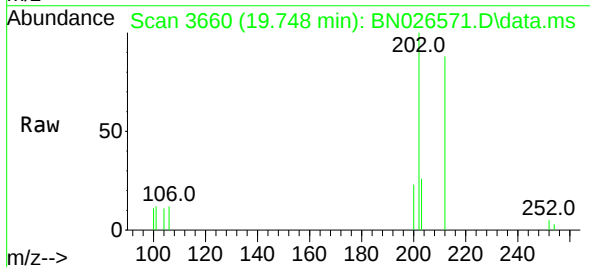
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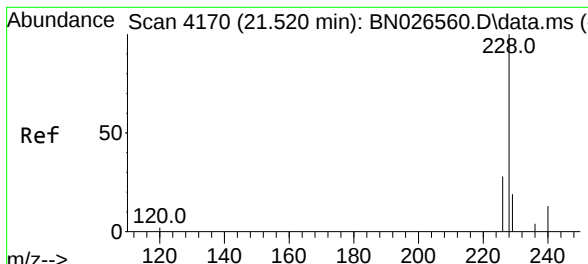
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 0.088 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:202 Resp: 4921
Ion Ratio Lower Upper
202 100
101 12.0 8.0 12.0#
100 11.4 6.2 9.2#





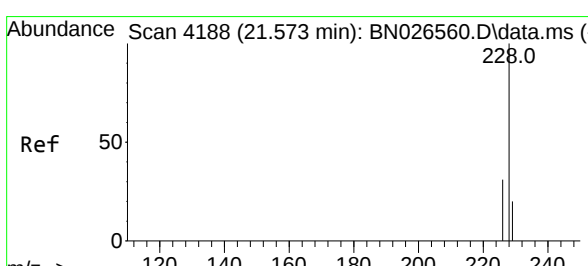
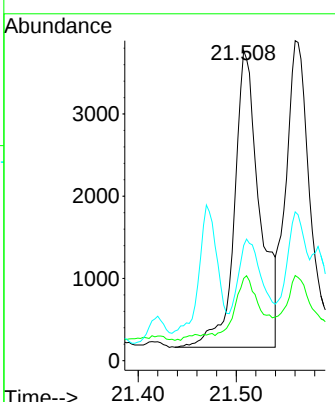
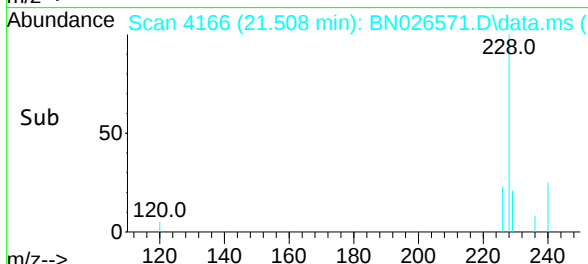
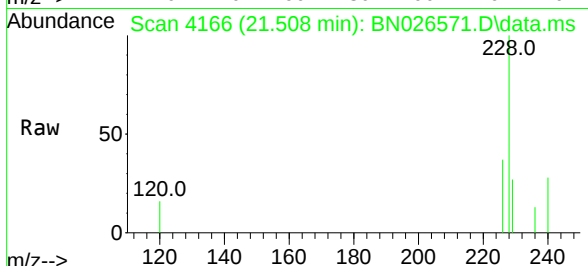
#21
Benzo(a)anthracene
Concen: 0.160 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. -0.013 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument : BNA_N
ClientSampleId : A46M6

Tgt Ion:228 Resp: 6429

Ion	Ratio	Lower	Upper
228	100		
229	26.5	16.7	25.1#
226	37.1	23.5	35.3#

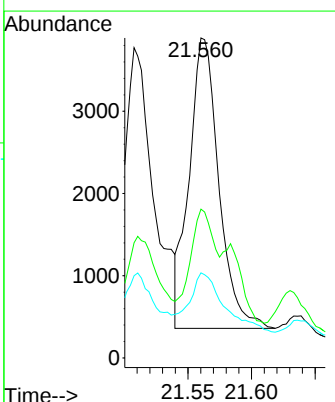
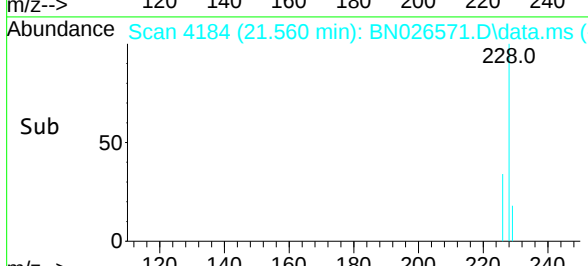
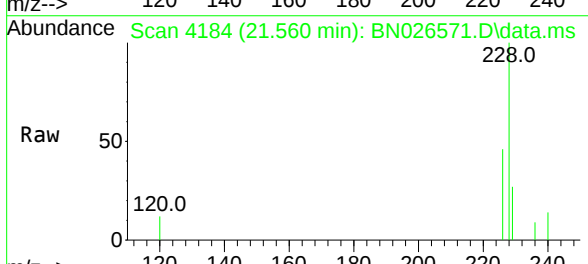
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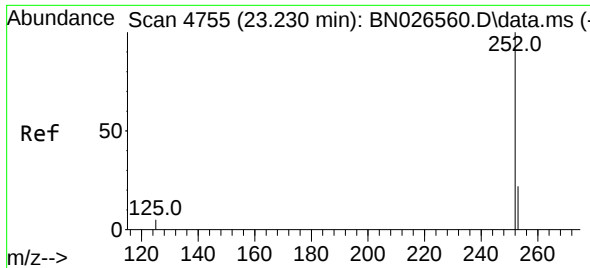


#22
Chrysene
Concen: 0.125 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. -0.013 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:228 Resp: 5724

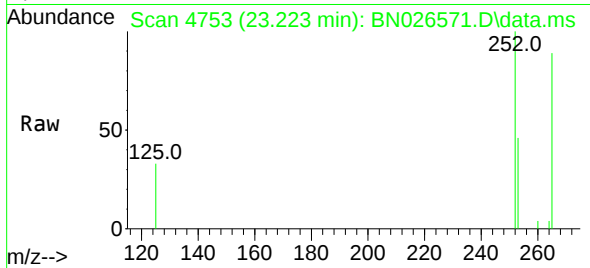
Ion	Ratio	Lower	Upper
228	100		
226	46.5	25.2	37.8#
229	26.6	16.4	24.6#





#24
Benzo(b)fluoranthene
Concen: 0.200 ng/ul m
RT: 23.223 min Scan# 4753
Delta R.T. -0.007 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

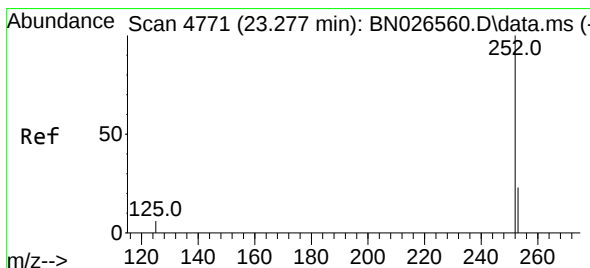
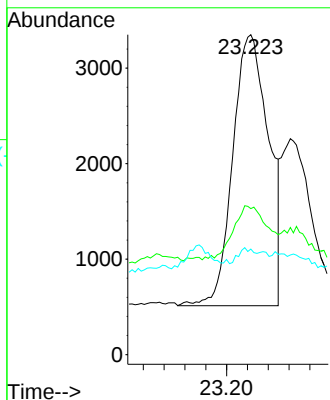
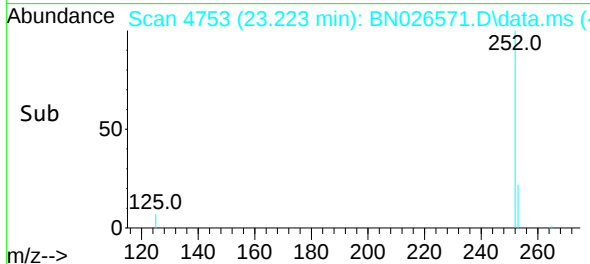
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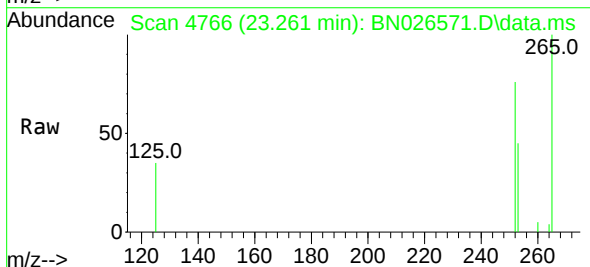
Tgt Ion:252 Resp: 6800
Ion Ratio Lower Upper
252 100
253 45.6 0.0 68.6
125 33.0 0.0 34.0

Manual Integrations
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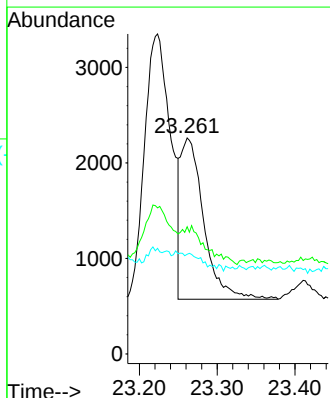
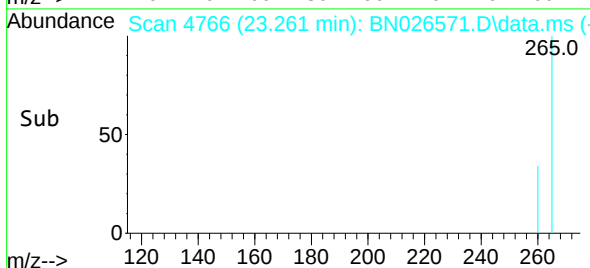
Reviewed By :Yogesh Patel 07/19/2023
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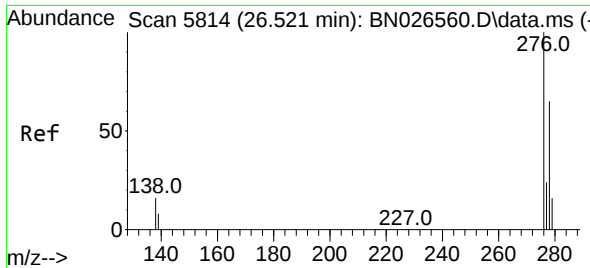


#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.261 min Scan# 4766
Delta R.T. -0.016 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14



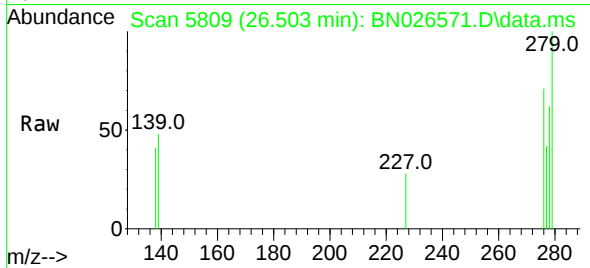
Tgt Ion:252 Resp: 3490
Ion Ratio Lower Upper
252 100
253 58.9 27.2 40.8#
125 46.2 13.4 20.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.503 min Scan# 5809
Delta R.T. -0.018 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

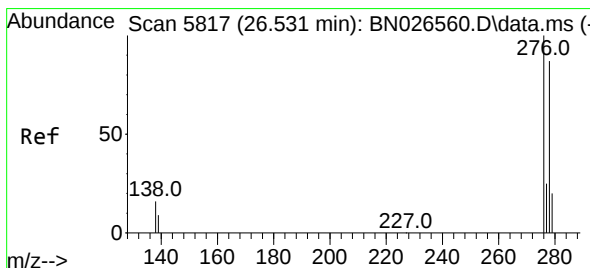
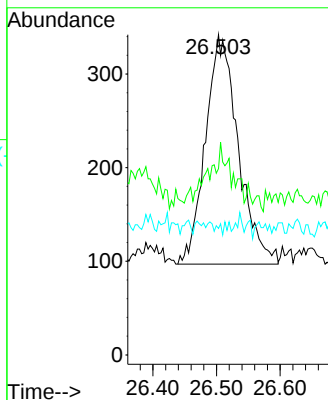
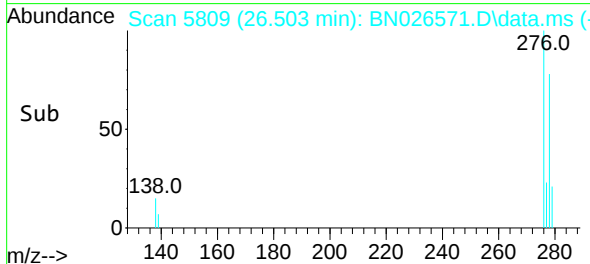
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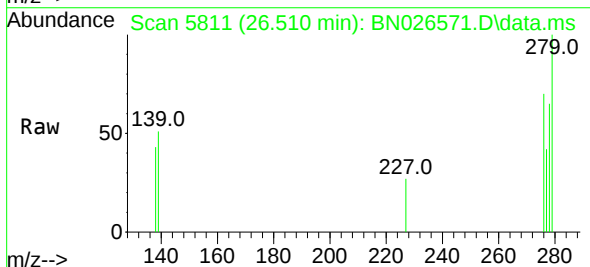
Tgt Ion:276 Resp: 870
Ion Ratio Lower Upper
276 100
138 9.9 22.2 33.4#
227 1.0 0.1 0.1#

Manual Integrations
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Supervised By :mohammad ahmed 07/19/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.510 min Scan# 5811
Delta R.T. -0.021 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14



Tgt Ion:278 Resp: 886
Ion Ratio Lower Upper
278 100
139 77.5 18.9 28.3#
279 153.0 31.3 46.9#

