

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026306.D
 Acq On : 05 Jul 2023 23:38
 Operator : MA/JU
 Sample : 03248-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGN9

Manual Integrations
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Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :mohammad ahmed 07/06/2023

Quant Time: Jul 06 00:48:57 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	7007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	22228	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	13356	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	25719	0.400	ng/ul	-0.01
17) Chrysene-d12	21.522	240	14195	0.400	ng/ul	#-0.01
23) Perylene-d12	23.975	264	16918	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	25181	3.191	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	7511	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	14734	0.273	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.796	128	53232	0.836	ng/ul	99
7) 2-Methylnaphthalene	12.413	142	18900	0.466	ng/ul	99
8) 1-Methylnaphthalene	12.628	142	14396	0.343	ng/ul	100
10) Acenaphthylene	14.301	152	112867	1.805	ng/ul	100
11) Acenaphthene	14.644	153	21364	0.418	ng/ul	99
12) Fluorene	15.629	166	20897	0.356	ng/ul#	98
15) Phenanthrene	17.372	178	620520	7.304	ng/ul	99
16) Anthracene	17.465	178	142157	1.883	ng/ul	100
19) Fluoranthene	19.390	202	1910427	25.197	ng/ul	96
20) Pyrene	19.757	202	1541596	19.549	ng/ul	94
21) Benzo(a)anthracene	21.505	228	701821	11.985	ng/ul	98
22) Chrysene	21.560	228	824856	13.537	ng/ul	98
24) Benzo(b)fluoranthene	23.229	252	1342234m	18.588	ng/ul	
25) Benzo(k)fluoranthene	23.273	252	460543m	6.351	ng/ul	
26) Benzo(a)pyrene	23.869	252	843818	13.455	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.533	276	687139	10.031	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.540	278	168534	3.251	ng/ul	93
29) Benzo(g,h,i)perylene	27.331	276	559189	9.176	ng/ul#	93

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

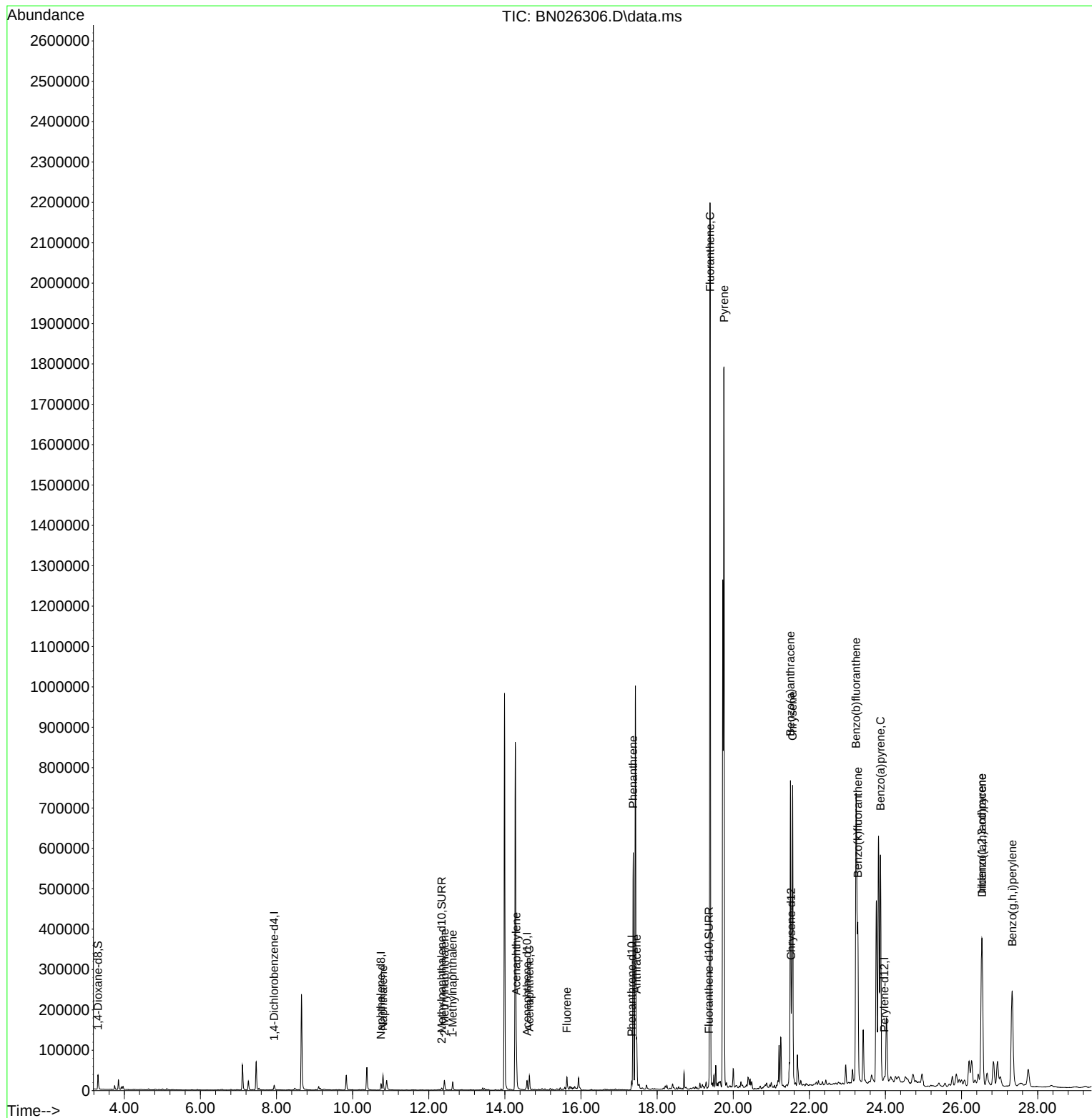
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
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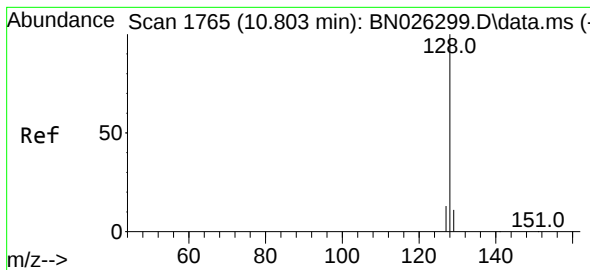
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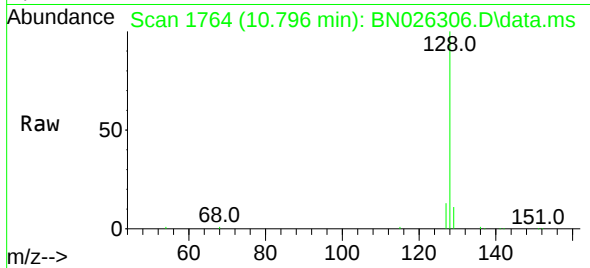
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023





#5
Naphthalene
Concen: 0.836 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

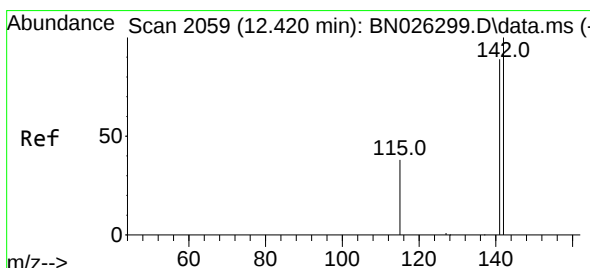
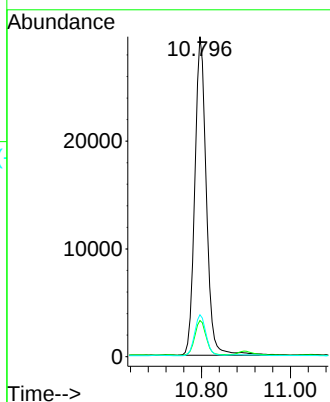
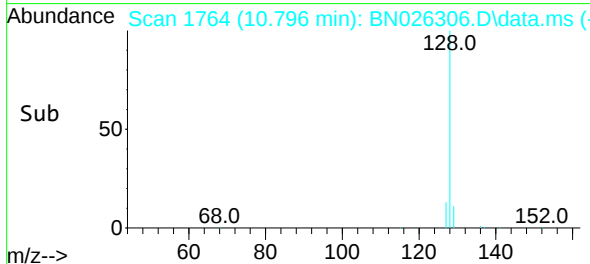
Instrument :
BNA_N
ClientSampleId :
DCGN9



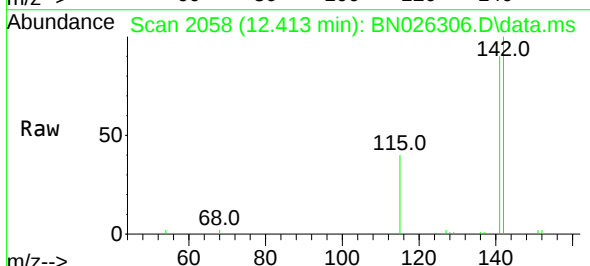
Tgt Ion:128 Resp: 5323
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.1 10.7 16.1

Manual Integrations
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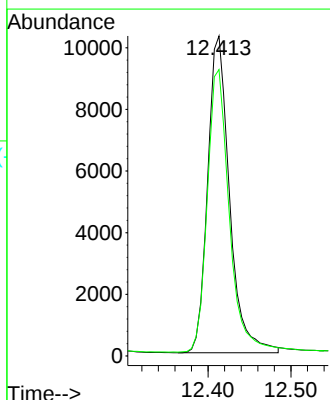
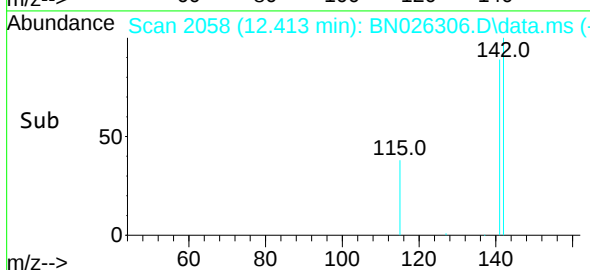
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

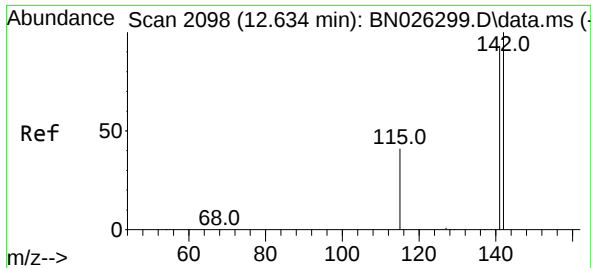


#7
2-Methylnaphthalene
Concen: 0.466 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.007 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38



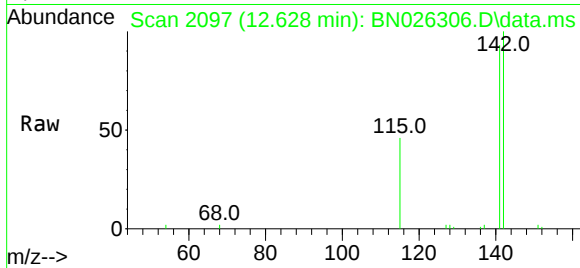
Tgt Ion:142 Resp: 18900
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

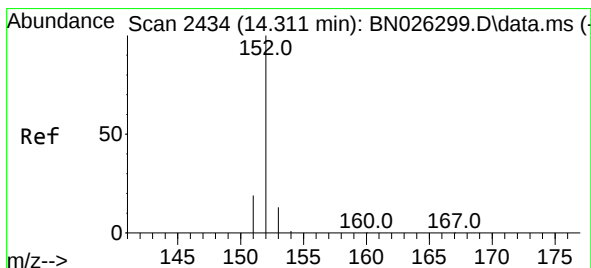
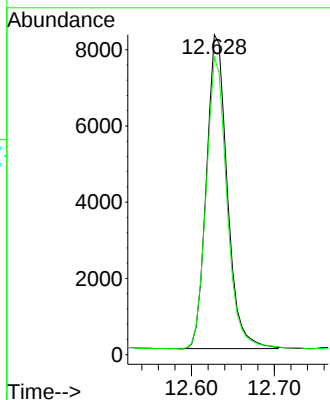
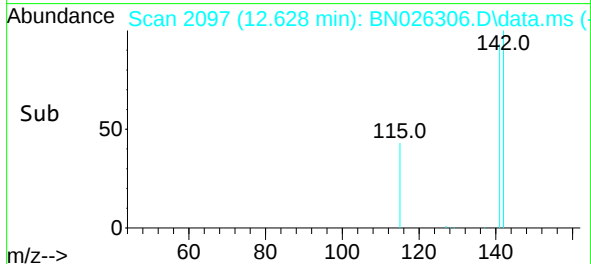
Instrument :
BNA_N
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Tgt Ion:142 Resp: 14390
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

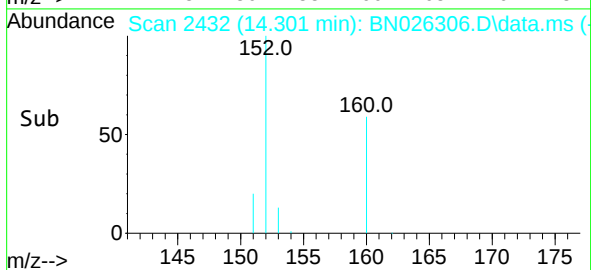
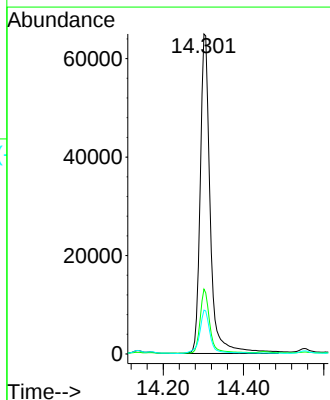
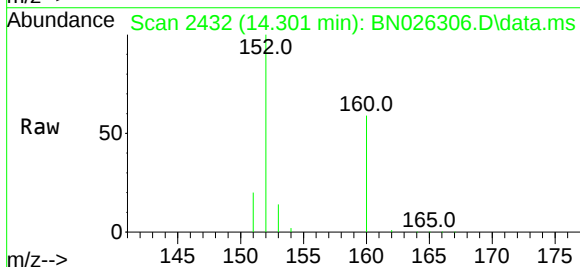
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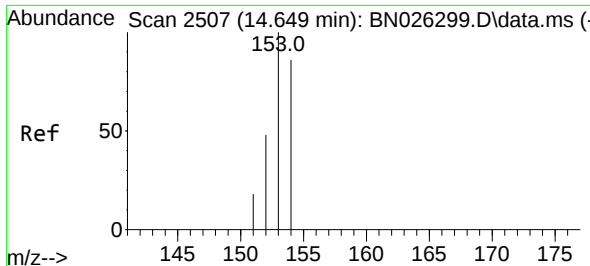
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#10
Acenaphthylene
Concen: 1.805 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.011 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

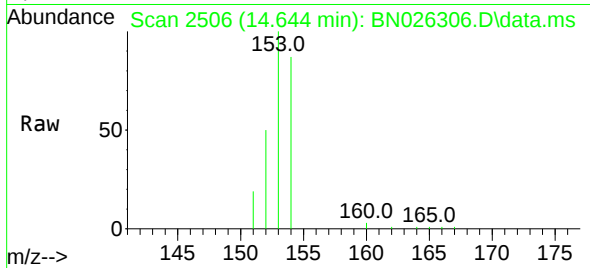
Tgt Ion:152 Resp: 112867
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.7 10.9 16.3





#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.644 min Scan# 2136
Delta R.T. -0.011 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

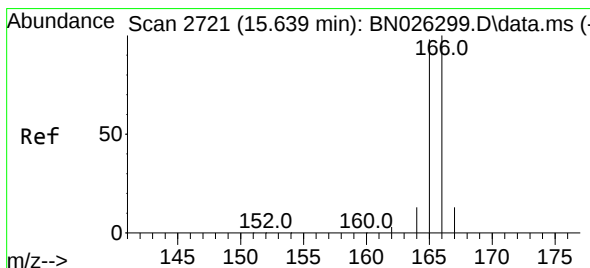
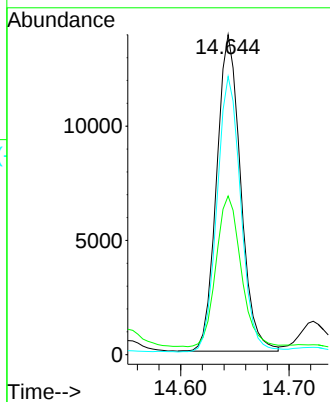
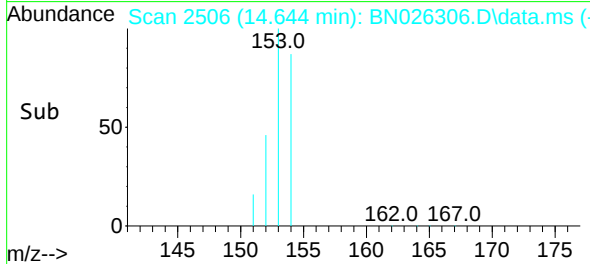
Instrument :
BNA_N
ClientSampleId :
DCGN9



Tgt Ion:153 Resp: 21364
Ion Ratio Lower Upper
153 100
152 49.6 39.4 59.0
154 86.9 68.9 103.3

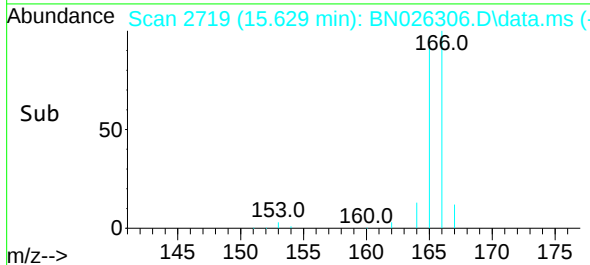
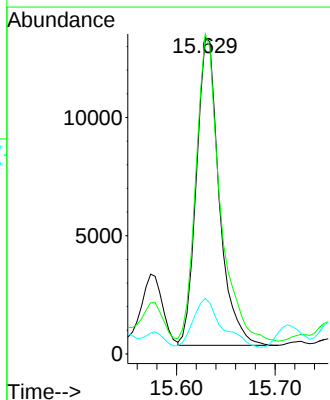
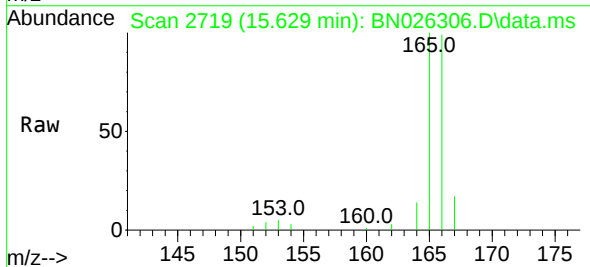
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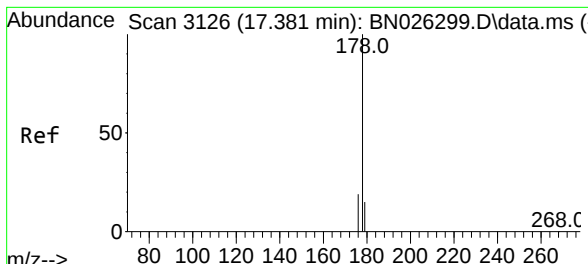
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.629 min Scan# 2719
Delta R.T. -0.015 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

Tgt Ion:166 Resp: 20897
Ion Ratio Lower Upper
166 100
165 101.1 79.9 119.9
167 17.5 10.8 16.2#





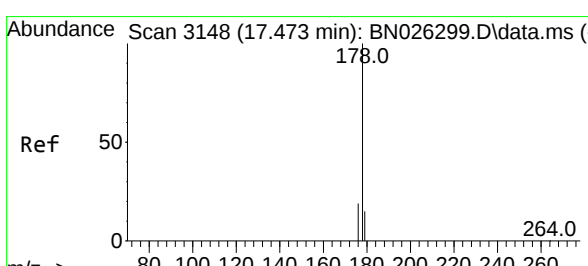
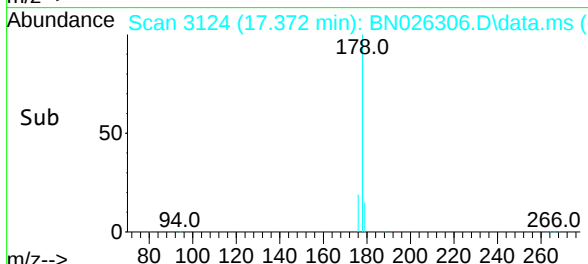
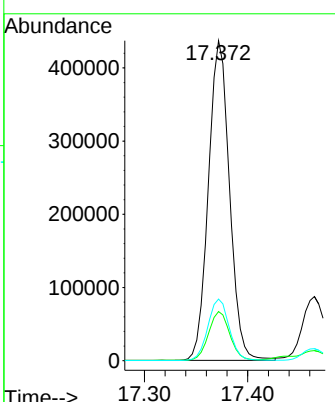
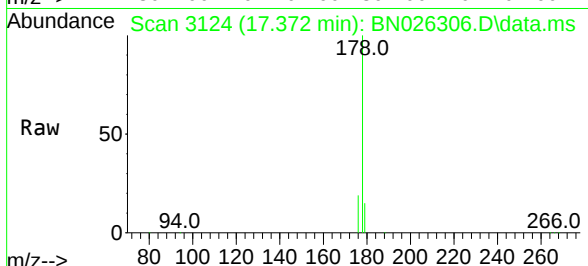
#15
 Phenanthrene
 Concen: 7.304 ng/u1
 RT: 17.372 min Scan# 3126
 Delta R.T. -0.014 min
 Lab File: BN026306.D
 Acq: 05 Jul 2023 23:38

Instrument : BNA_N
 ClientSampleId : DCGN9

Tgt Ion:178 Resp: 620520

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	15.8	23.6

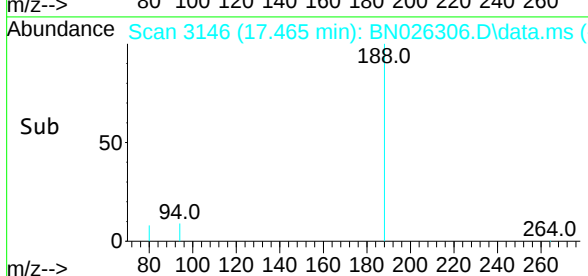
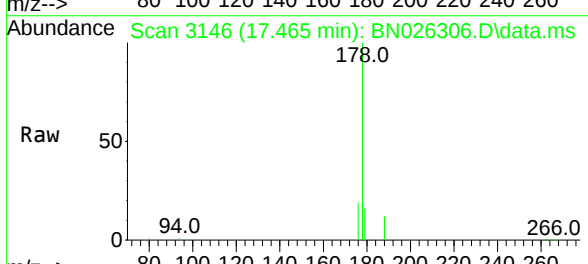
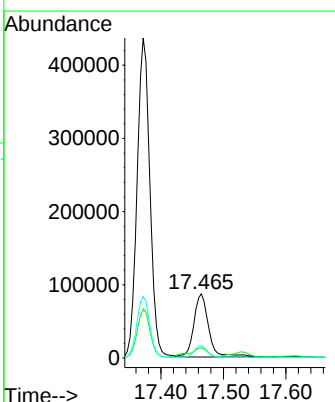
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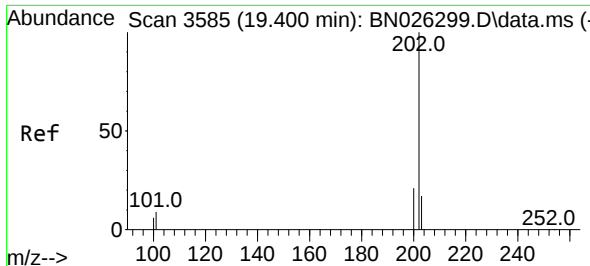


#16
 Anthracene
 Concen: 1.883 ng/u1
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.014 min
 Lab File: BN026306.D
 Acq: 05 Jul 2023 23:38

Tgt Ion:178 Resp: 142157

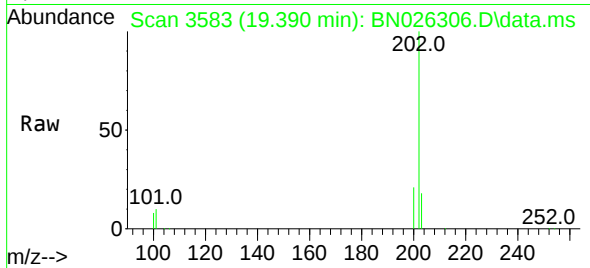
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.8	15.1	22.7





#19
Fluoranthene
Concen: 25.197 ng/u1
RT: 19.390 min Scan# 3583
Delta R.T. -0.011 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

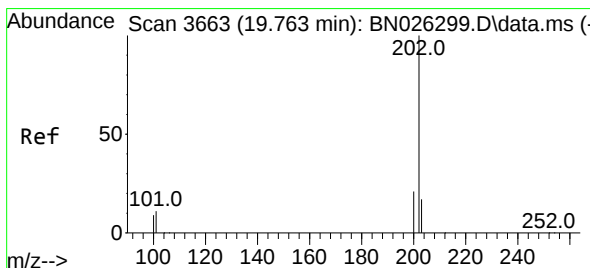
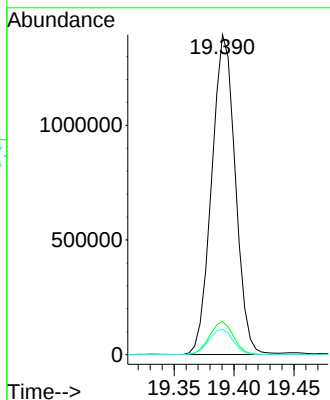
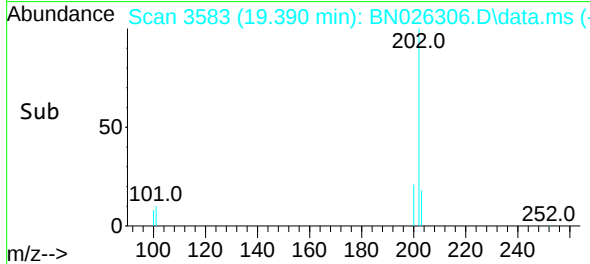
Instrument :
BNA_N
ClientSampleId :
DCGN9



Tgt Ion:202 Resp: 1910427
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 8.0 7.3 10.9

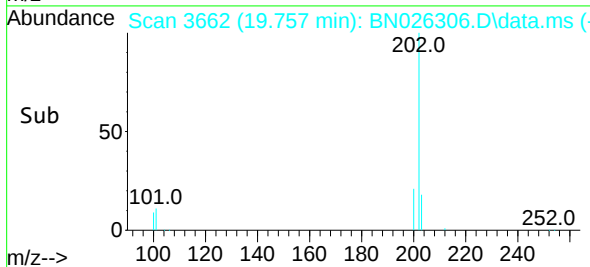
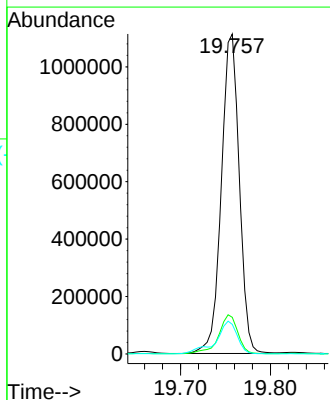
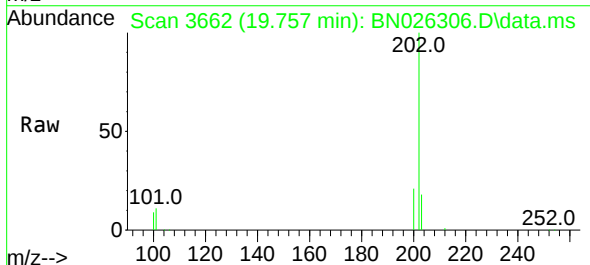
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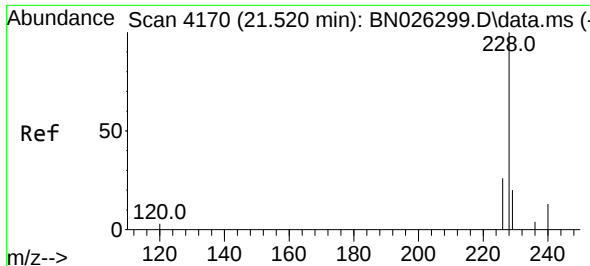
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#20
Pyrene
Concen: 19.549 ng/u1
RT: 19.757 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

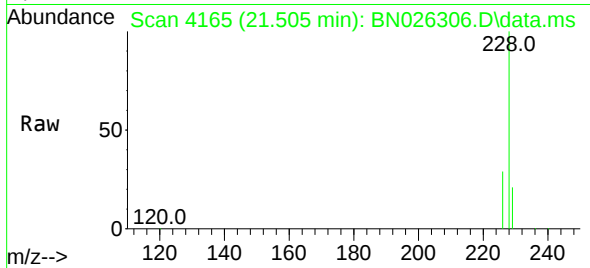
Tgt Ion:202 Resp: 1541596
Ion Ratio Lower Upper
202 100
101 11.5 11.4 17.0
100 9.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 11.985 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. -0.011 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

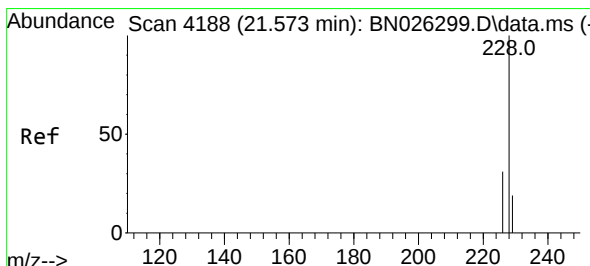
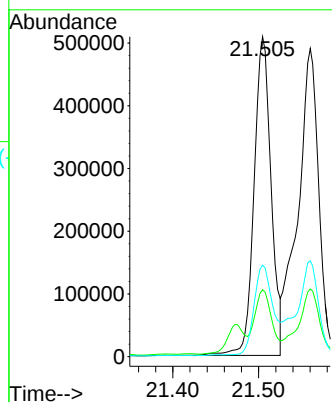
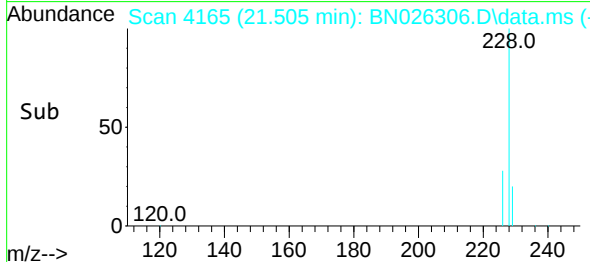
Instrument :
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Tgt Ion:228 Resp: 70182
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 28.6 22.5 33.7

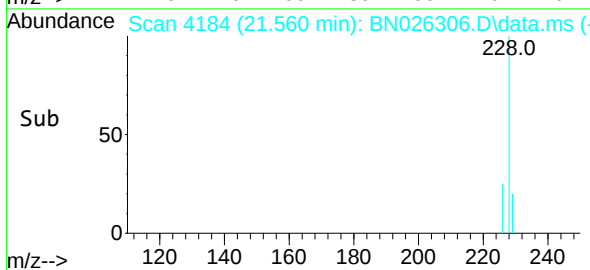
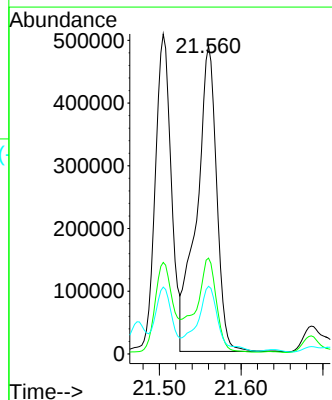
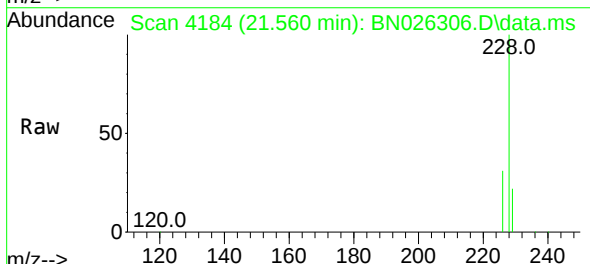
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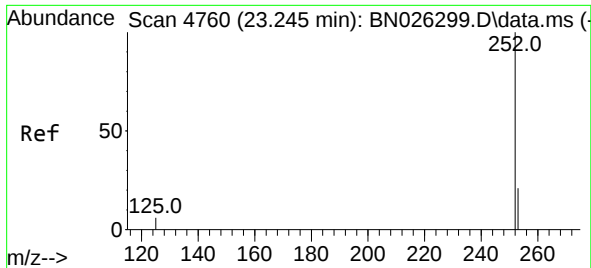
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#22
Chrysene
Concen: 13.537 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. -0.011 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

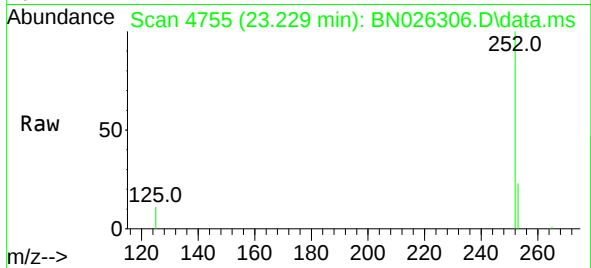
Tgt Ion:228 Resp: 824856
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 18.588 ng/ul m
RT: 23.229 min Scan# 4755
Delta R.T. -0.016 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

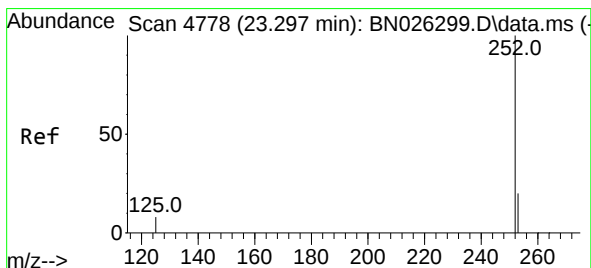
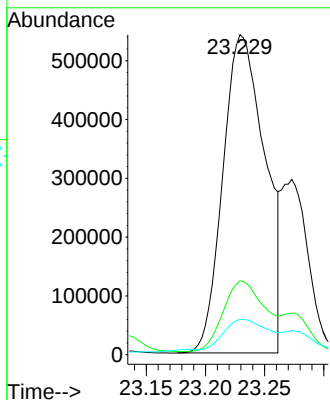
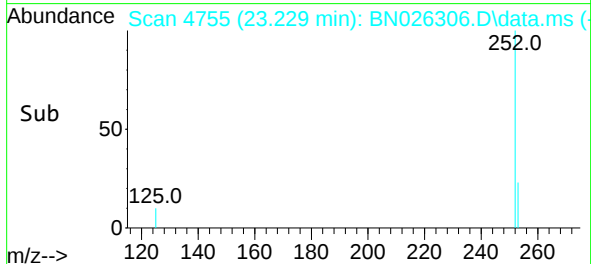
Instrument :
BNA_N
ClientSampleId :
DCGN9



Tgt Ion:252 Resp: 1342234
Ion Ratio Lower Upper
252 100
253 23.1 0.0 55.6
125 11.1 0.0 35.8

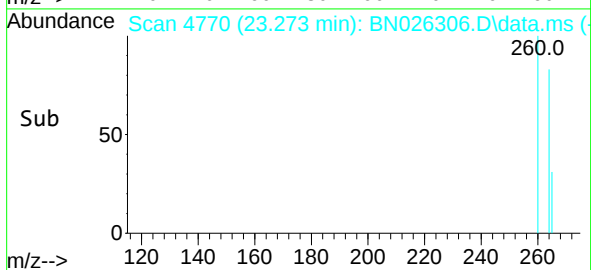
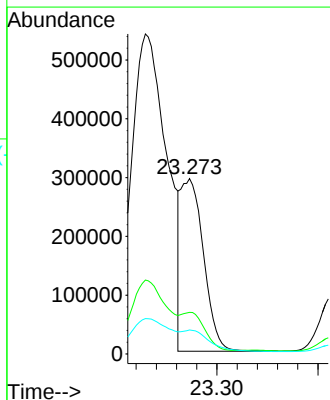
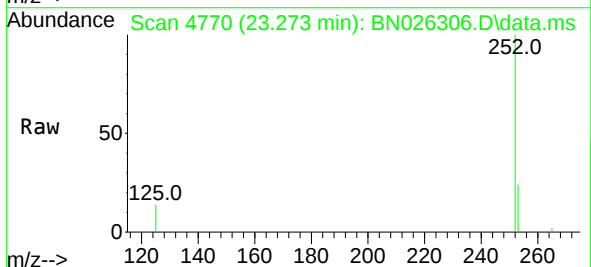
Manual Integrations
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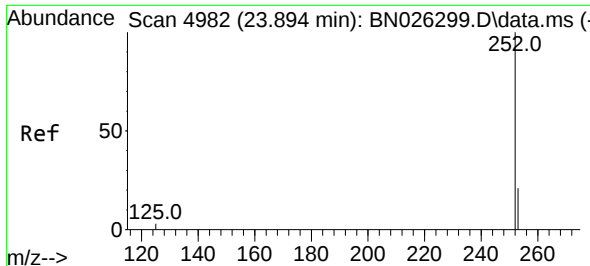
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 6.351 ng/ul m
RT: 23.273 min Scan# 4770
Delta R.T. -0.019 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

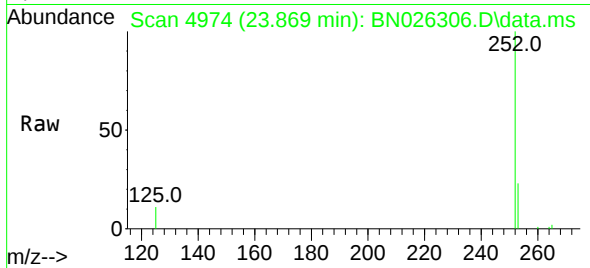
Tgt Ion:252 Resp: 460543
Ion Ratio Lower Upper
252 100
253 23.7 23.2 34.8
125 13.7 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 13.455 ng/ul
RT: 23.869 min Scan# 4982
Delta R.T. -0.019 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

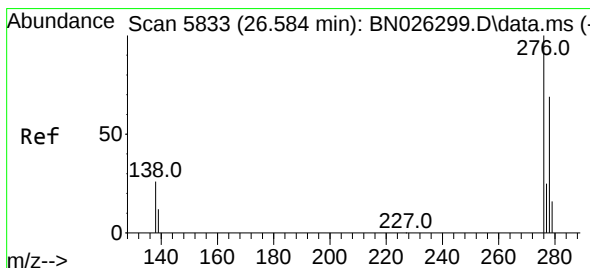
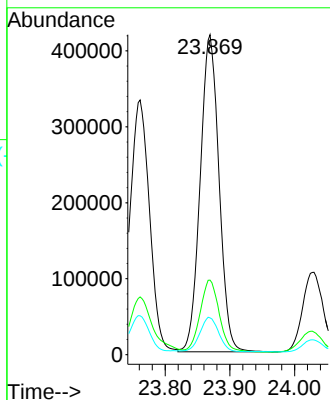
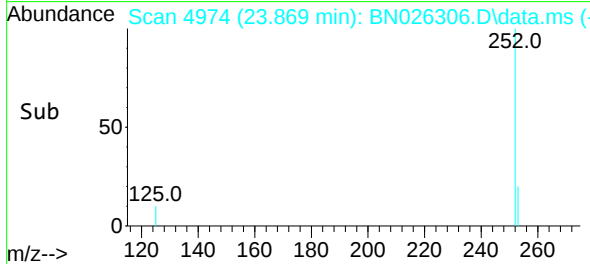
Instrument :
BNA_N
ClientSampleId :
DCGN9



Tgt Ion:252 Resp: 843818
Ion Ratio Lower Upper
252 100
253 23.3 26.0 39.0#
125 11.5 17.3 25.9#

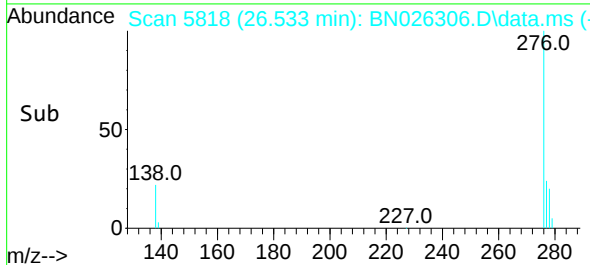
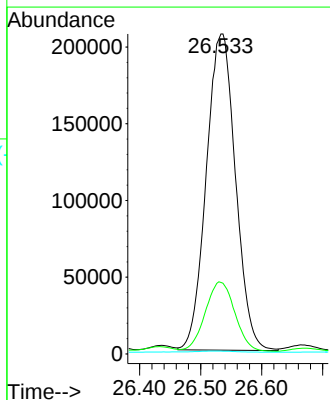
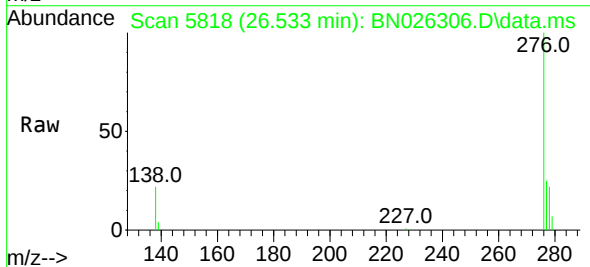
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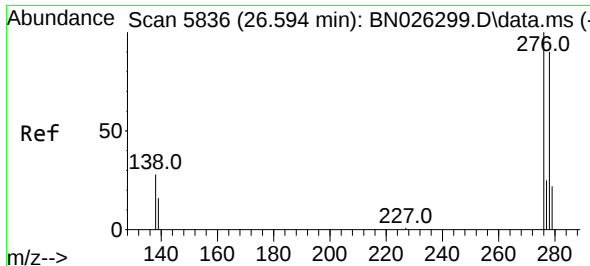
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 10.031 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.049 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

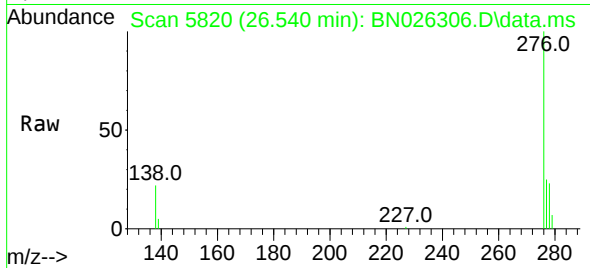
Tgt Ion:276 Resp: 687139
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.5 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 3.251 ng/ul
RT: 26.540 min Scan# 5836
Delta R.T. -0.055 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38

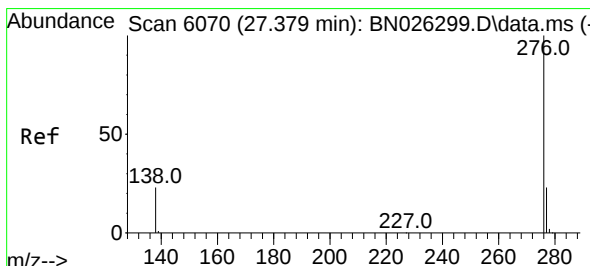
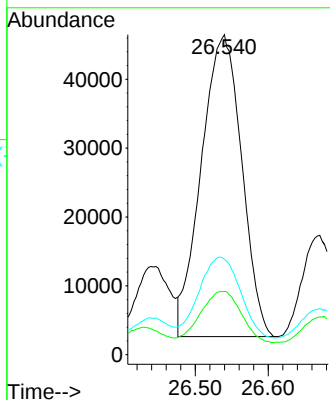
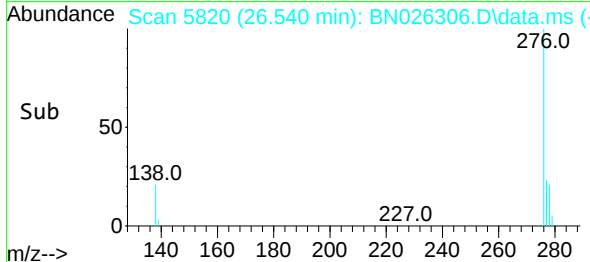
Instrument :
BNA_N
ClientSampleId :
DCGN9



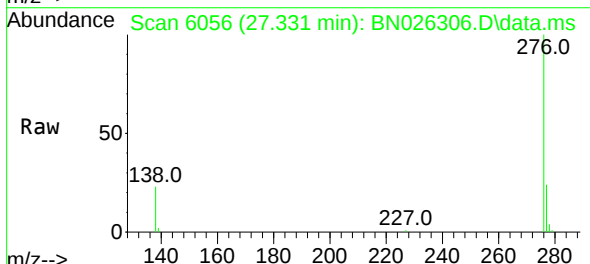
Tgt Ion:278 Resp: 168534
Ion Ratio Lower Upper
278 100
139 19.7 19.0 28.4
279 29.8 26.7 40.1

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Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 9.176 ng/ul
RT: 27.331 min Scan# 6056
Delta R.T. -0.049 min
Lab File: BN026306.D
Acq: 05 Jul 2023 23:38



Tgt Ion:276 Resp: 559189
Ion Ratio Lower Upper
276 100
138 22.7 23.4 35.0#
277 24.1 20.0 30.0

