

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026308.D
 Acq On : 06 Jul 2023 00:53
 Operator : MA/JU
 Sample : 03248-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP0

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 01:46:41 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	7701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	24742	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.584	164	14725	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	27648	0.400	ng/ul	-0.01
17) Chrysene-d12	21.522	240	16959	0.400	ng/ul	-0.01
23) Perylene-d12	23.986	264	16572	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	25723	2.966	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	7600	0.200	ng/ul	-0.01
18) Fluoranthene-d10	19.362	212	14861	0.230	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.796	128	20955	0.296	ng/ul	99
7) 2-Methylnaphthalene	12.413	142	12781	0.283	ng/ul	100
8) 1-Methylnaphthalene	12.628	142	10322	0.221	ng/ul	100
10) Acenaphthylene	14.301	152	66173	0.960	ng/ul	99
11) Acenaphthene	14.644	153	7912	0.140	ng/ul	98
12) Fluorene	15.629	166	16321	0.252	ng/ul#	98
15) Phenanthrene	17.372	178	272692	2.986	ng/ul	99
16) Anthracene	17.465	178	52750	0.650	ng/ul	99
19) Fluoranthene	19.390	202	834268	9.210	ng/ul	97
20) Pyrene	19.757	202	660044	7.006	ng/ul	94
21) Benzo(a)anthracene	21.508	228	336837	4.815	ng/ul	97
22) Chrysene	21.560	228	358725	4.928	ng/ul	98
24) Benzo(b)fluoranthene	23.232	252	537758m	7.603	ng/ul	
25) Benzo(k)fluoranthene	23.276	252	171971m	2.421	ng/ul	
26) Benzo(a)pyrene	23.881	252	327655	5.333	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.567	276	263868	3.932	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.573	278	63109	1.243	ng/ul	98
29) Benzo(g,h,i)perylene	27.365	276	216622	3.629	ng/ul	94

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

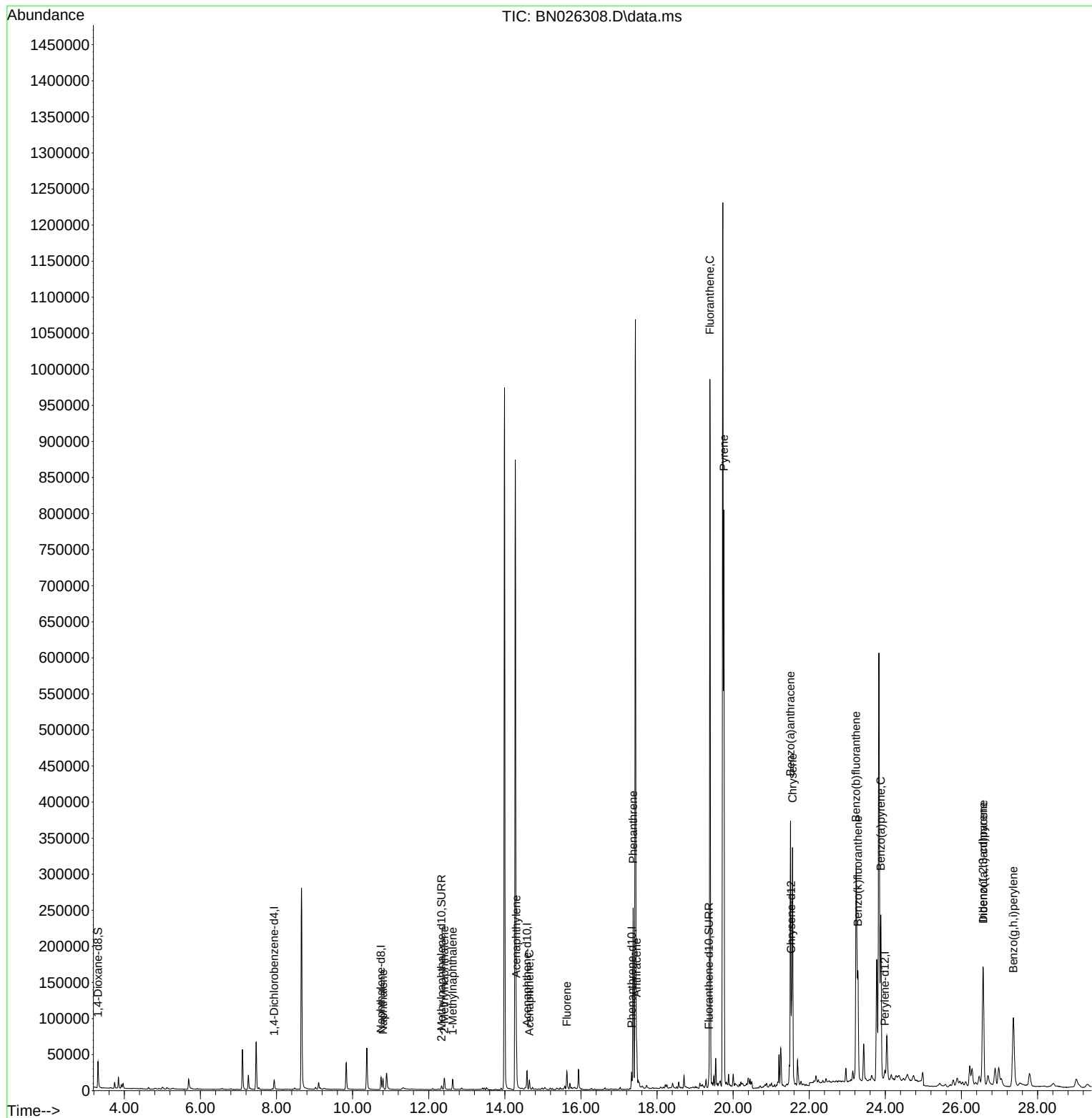
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026308.D
Acq On : 06 Jul 2023 00:53
Operator : MA/JU
Sample : 03248-12
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ALS Vial : 26 Sample Multiplier: 1

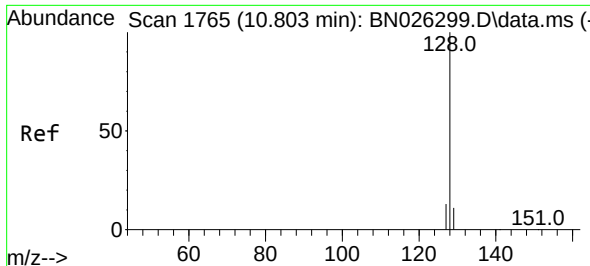
Instrument :
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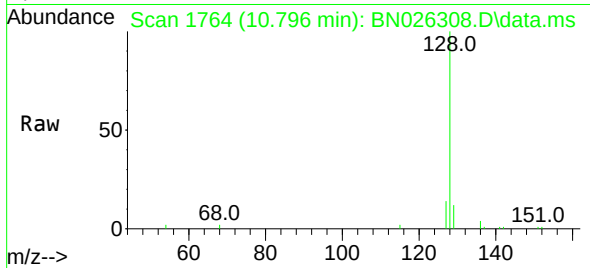
Quant Time: Jul 06 01:46:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

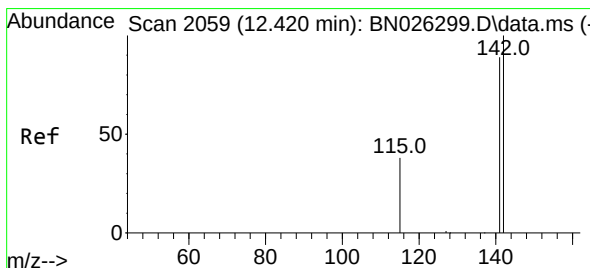
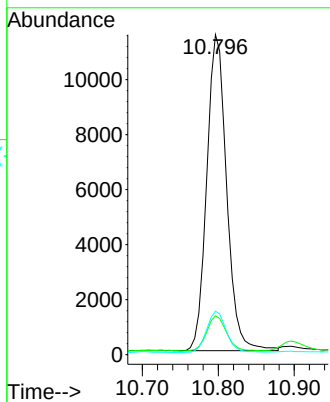
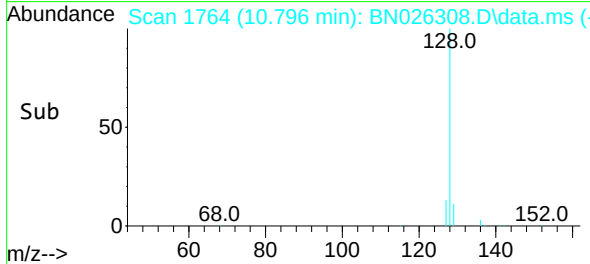
Instrument :
BNA_N
ClientSampleId :
DCGP0



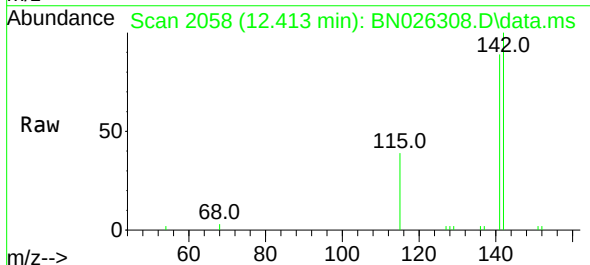
Tgt Ion:128 Resp: 2095
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.6 10.7 16.1

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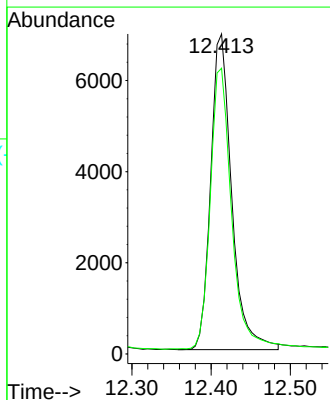
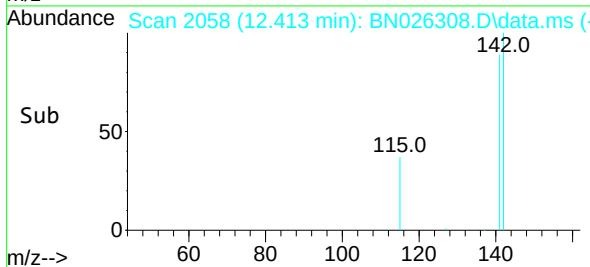
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

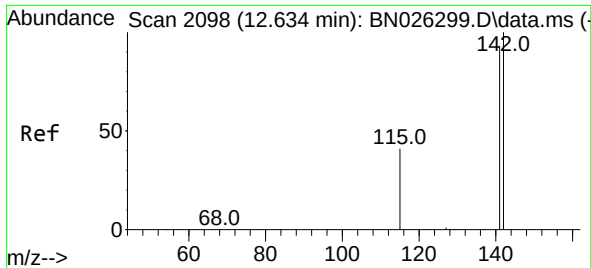


#7
2-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.007 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53



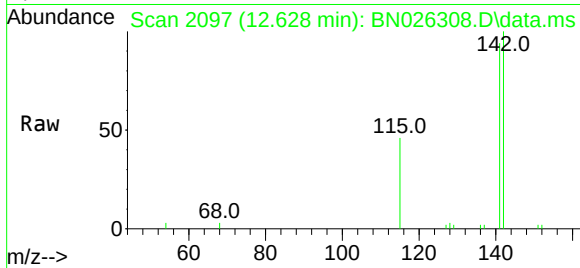
Tgt Ion:142 Resp: 12781
Ion Ratio Lower Upper
142 100
141 90.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

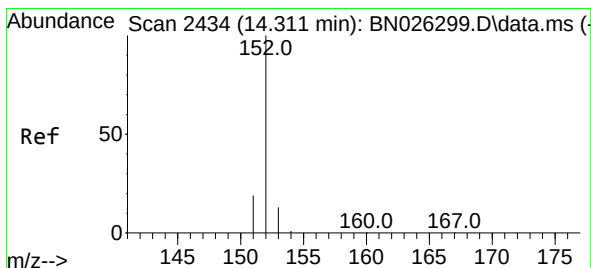
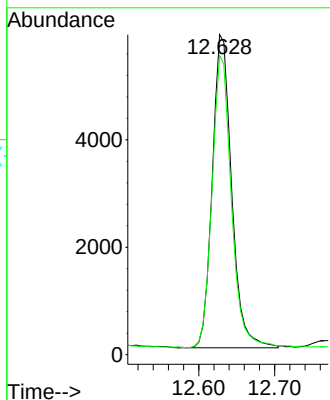
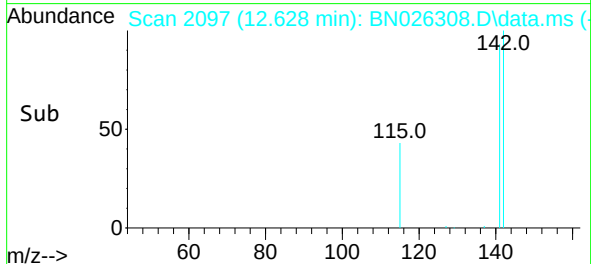
Instrument :
BNA_N
ClientSampleId :
DCGP0



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Ion Ratio Lower Upper
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141 92.7 74.2 111.4

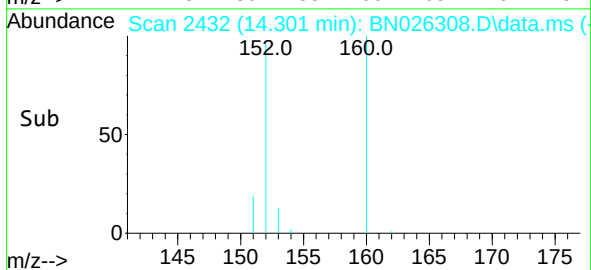
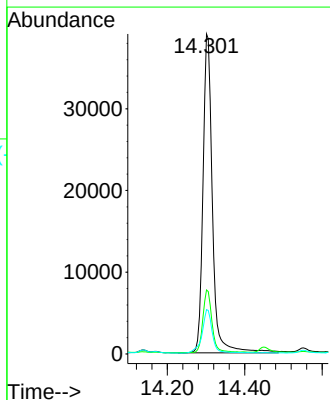
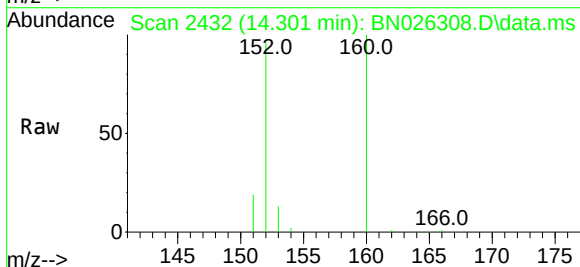
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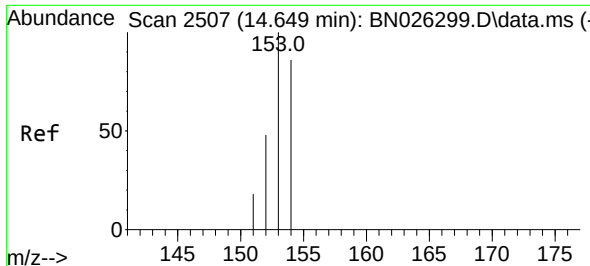
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#10
Acenaphthylene
Concen: 0.960 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.011 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

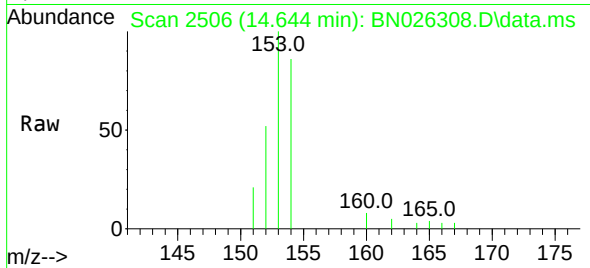
Tgt Ion:152 Resp: 66173
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.140 ng/ul
RT: 14.644 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

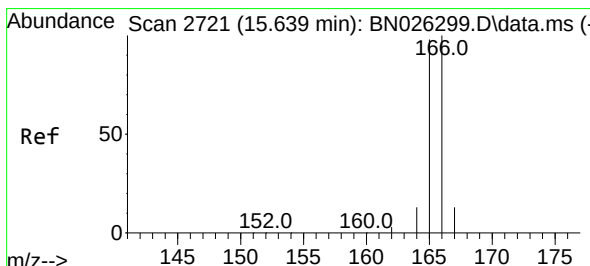
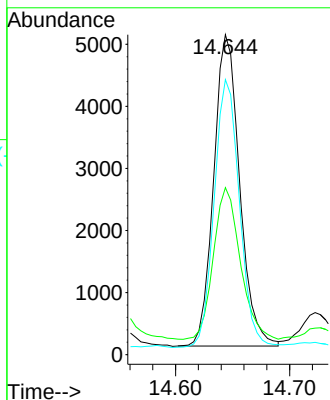
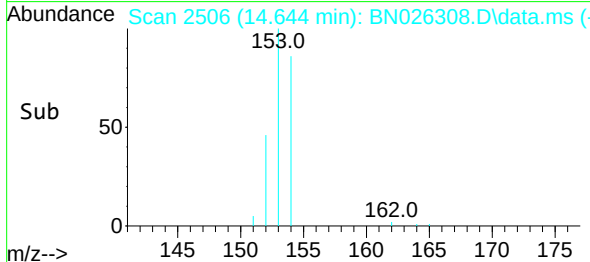
Instrument :
BNA_N
ClientSampleId :
DCGP0



Tgt Ion:153 Resp: 7912
Ion Ratio Lower Upper
153 100
152 52.2 39.4 59.0
154 86.0 68.9 103.3

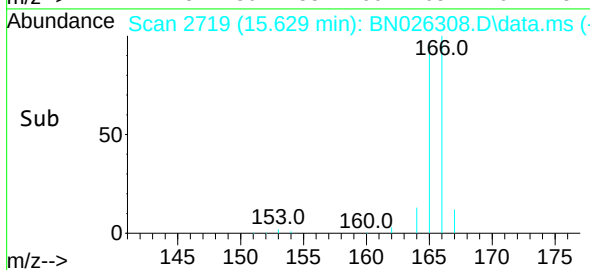
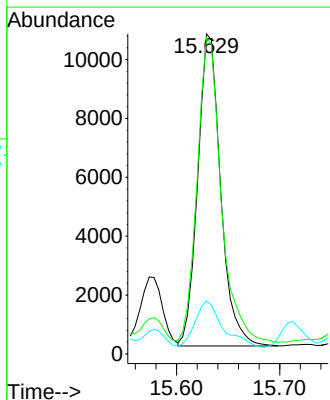
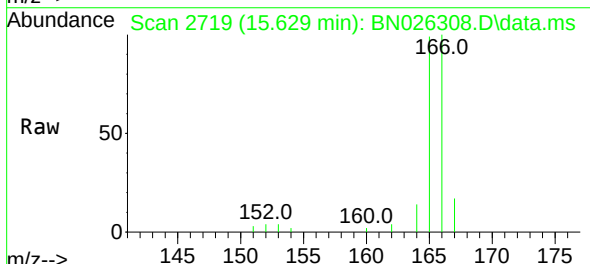
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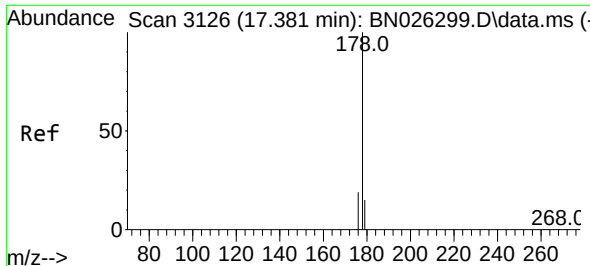
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#12
Fluorene
Concen: 0.252 ng/ul
RT: 15.629 min Scan# 2719
Delta R.T. -0.015 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

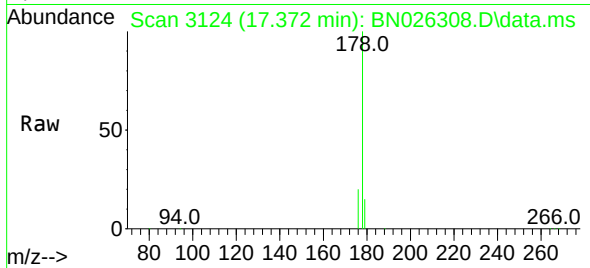
Tgt Ion:166 Resp: 16321
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 16.6 10.8 16.2#





#15
Phenanthrene
Concen: 2.986 ng/u1
RT: 17.372 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

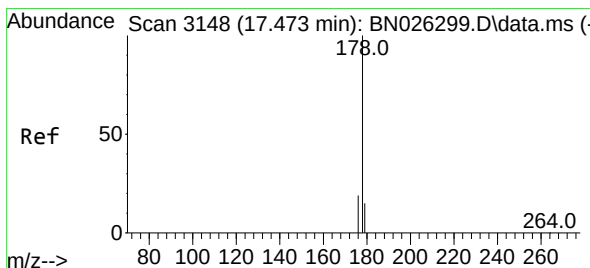
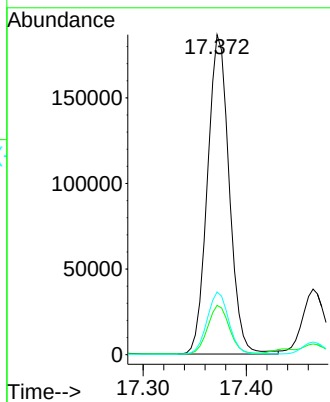
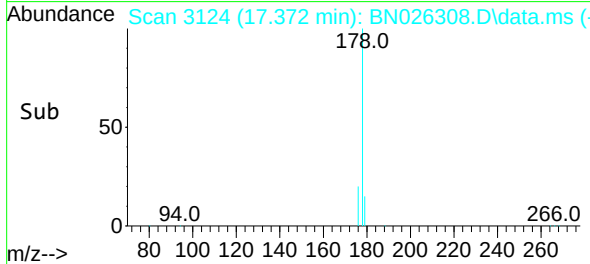
Instrument :
BNA_N
ClientSampleId :
DCGP0



Tgt Ion:178 Resp: 272692
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6

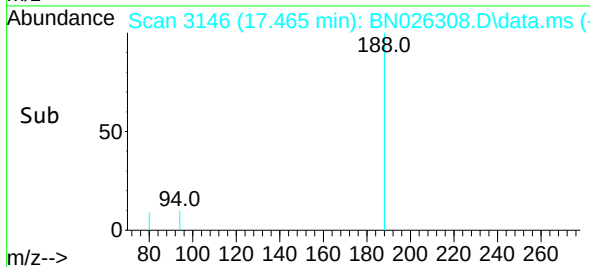
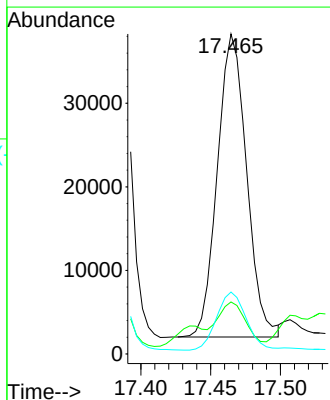
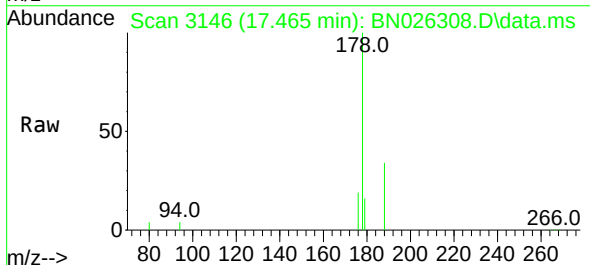
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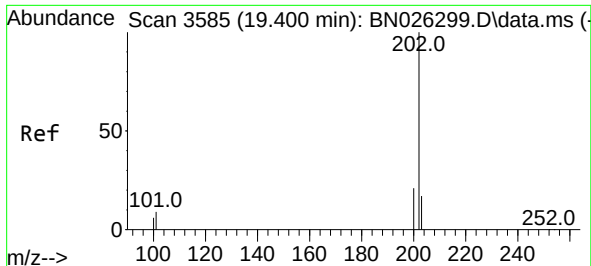
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#16
Anthracene
Concen: 0.650 ng/u1
RT: 17.465 min Scan# 3146
Delta R.T. -0.014 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

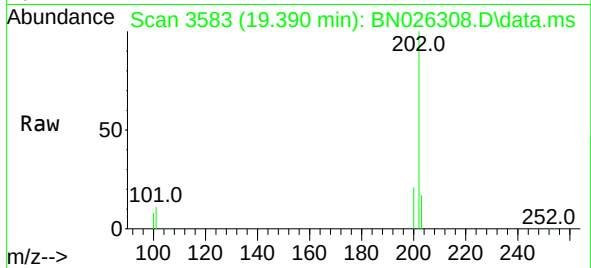
Tgt Ion:178 Resp: 52750
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.3 15.1 22.7





#19
Fluoranthene
Concen: 9.210 ng/u1
RT: 19.390 min Scan# 3583
Delta R.T. -0.011 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

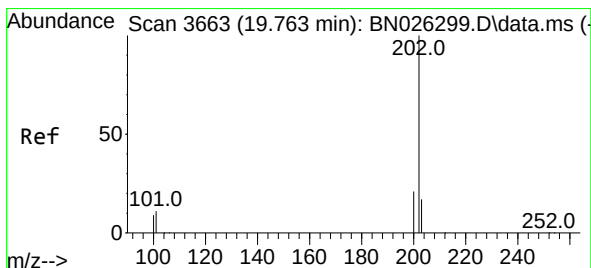
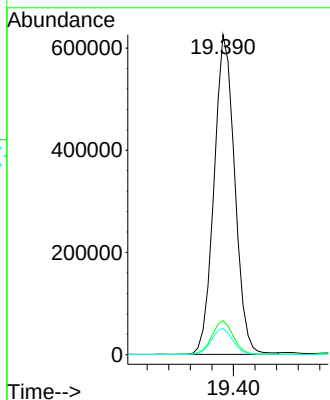
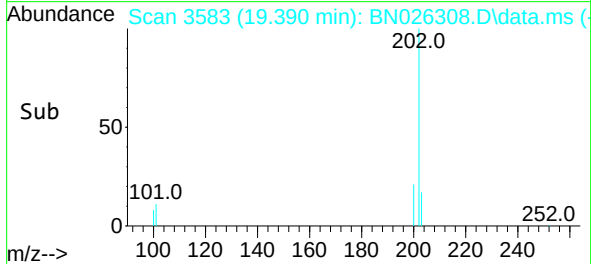
Instrument :
BNA_N
ClientSampleId :
DCGP0



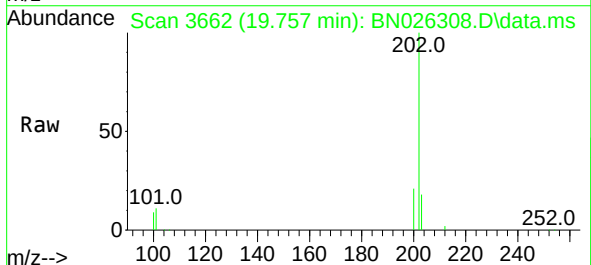
Tgt Ion:202 Resp: 834268
Ion Ratio Lower Upper
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101 10.7 9.5 14.3
100 8.2 7.3 10.9

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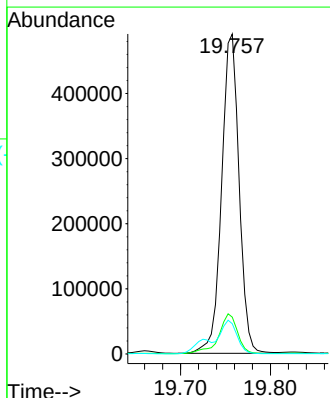
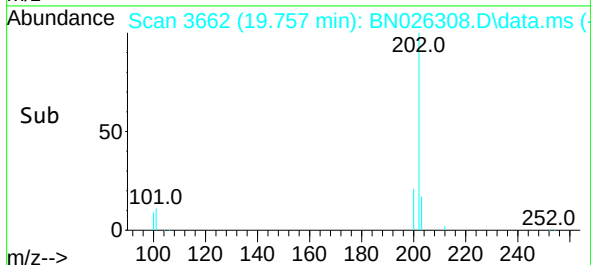
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

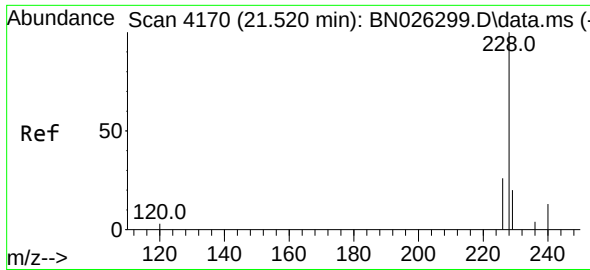


#20
Pyrene
Concen: 7.006 ng/u1
RT: 19.757 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53



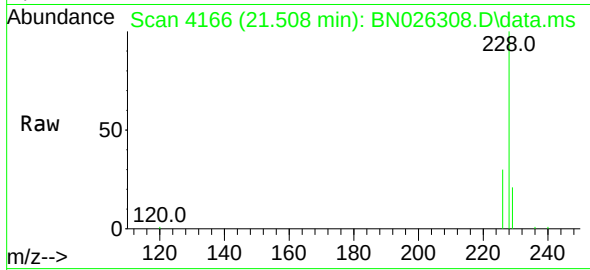
Tgt Ion:202 Resp: 660044
Ion Ratio Lower Upper
202 100
101 11.5 11.4 17.0
100 9.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.815 ng/u1
RT: 21.508 min Scan# 4166
Delta R.T. -0.008 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

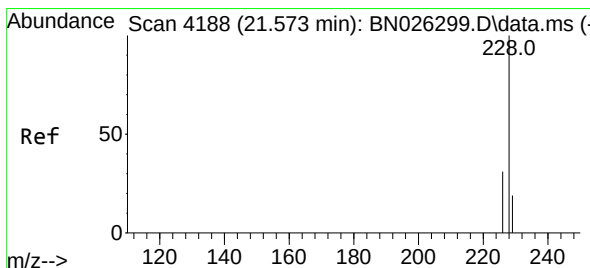
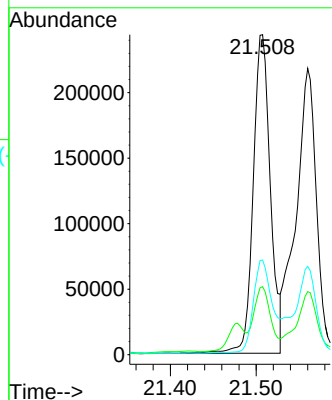
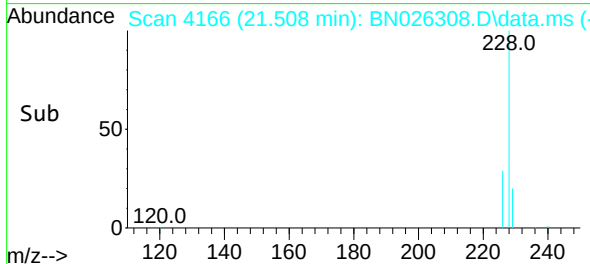
Instrument :
BNA_N
ClientSampleId :
DCGP0



Tgt Ion:228 Resp: 33683
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.6 22.5 33.7

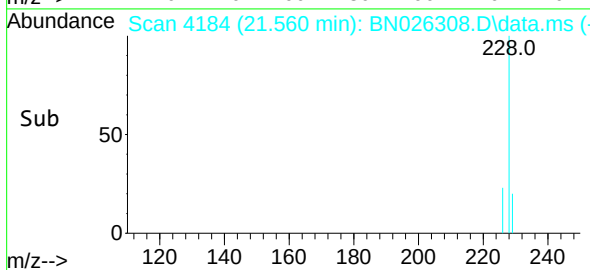
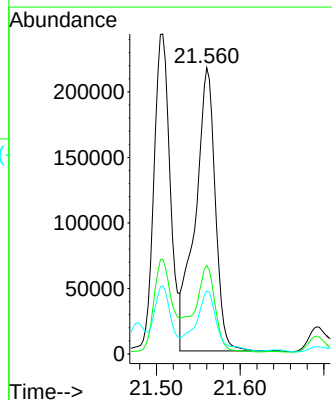
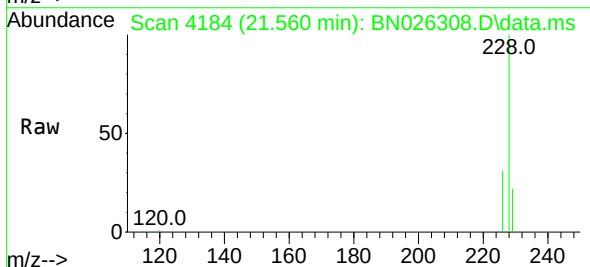
Manual Integrations
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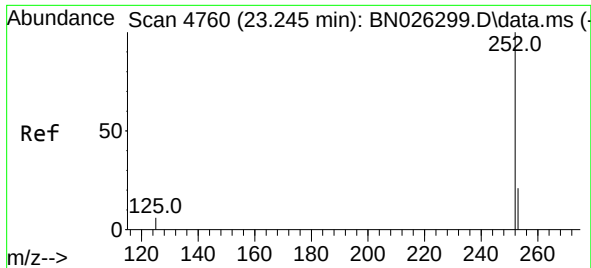
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#22
Chrysene
Concen: 4.928 ng/u1
RT: 21.560 min Scan# 4184
Delta R.T. -0.011 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

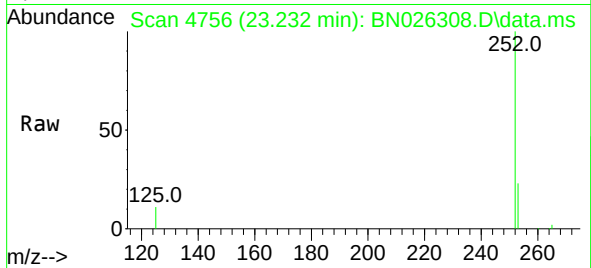
Tgt Ion:228 Resp: 358725
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.603 ng/ul m
RT: 23.232 min Scan# 4756
Delta R.T. -0.013 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

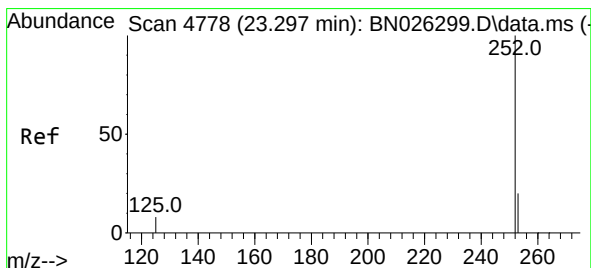
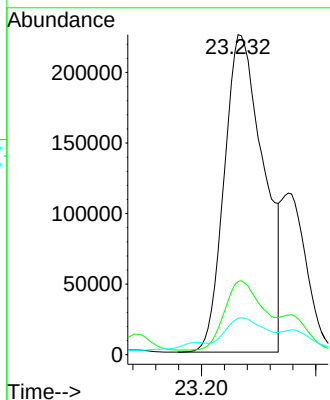
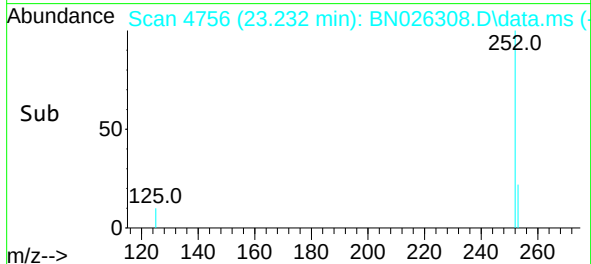
Instrument :
BNA_N
ClientSampleId :
DCGP0



Tgt Ion:252 Resp: 537758
Ion Ratio Lower Upper
252 100
253 22.9 0.0 55.6
125 11.4 0.0 35.8

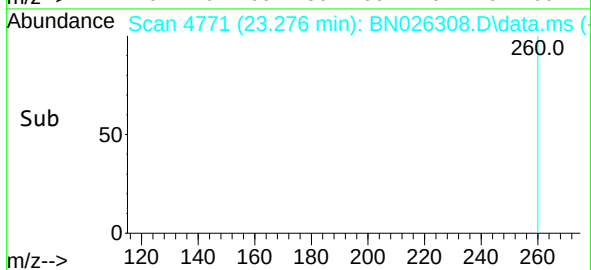
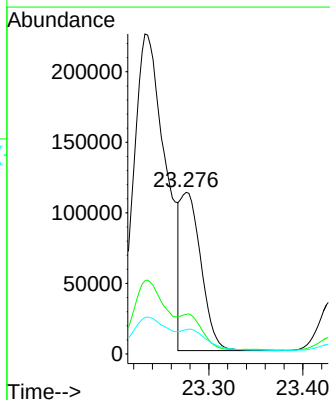
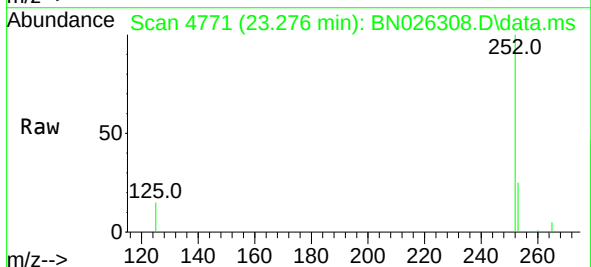
Manual Integrations
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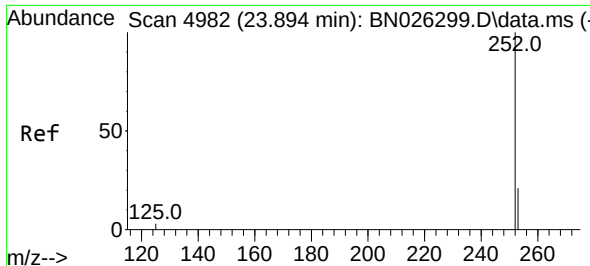
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 2.421 ng/ul m
RT: 23.276 min Scan# 4771
Delta R.T. -0.016 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

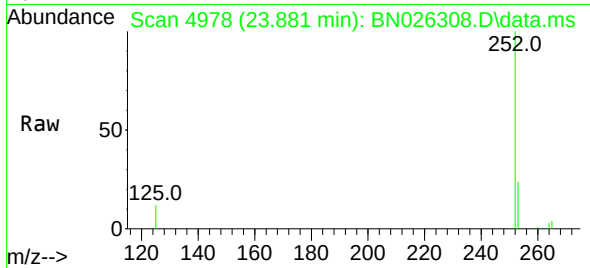
Tgt Ion:252 Resp: 171971
Ion Ratio Lower Upper
252 100
253 24.6 23.2 34.8
125 15.1 15.0 22.4





#26
Benzo(a)pyrene
Concen: 5.333 ng/ul
RT: 23.881 min Scan# 4978
Delta R.T. -0.008 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

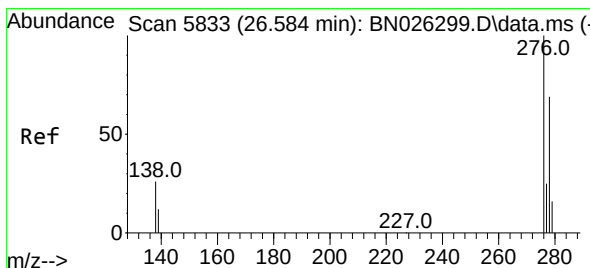
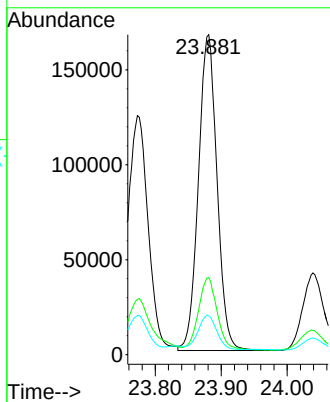
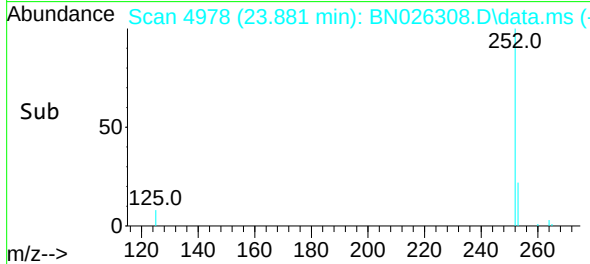
Instrument :
BNA_N
ClientSampleId :
DCGP0



Tgt Ion:252 Resp: 32765
Ion Ratio Lower Upper
252 100
253 24.1 26.0 39.0#
125 12.1 17.3 25.9#

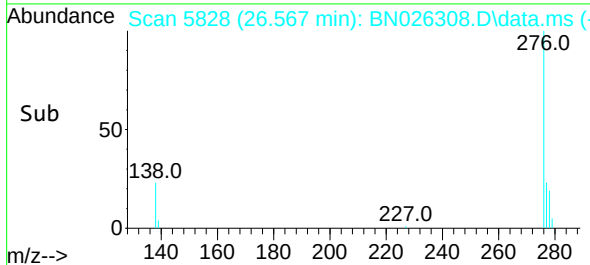
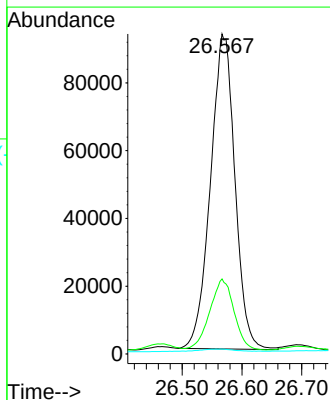
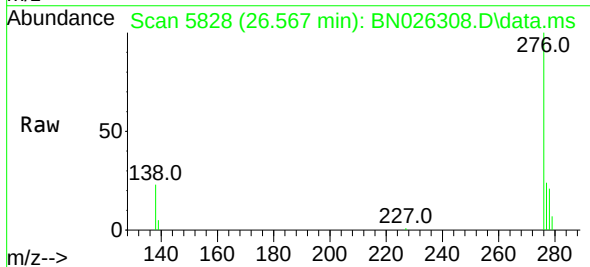
Manual Integrations
APPROVED

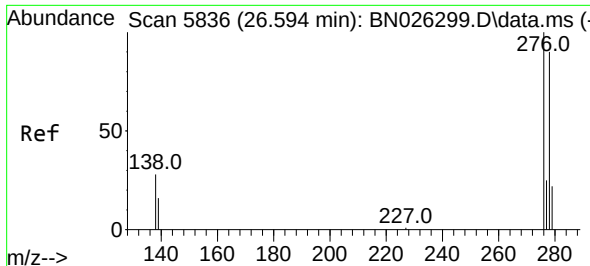
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.932 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.015 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

Tgt Ion:276 Resp: 263868
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 1.5 0.0 0.0#





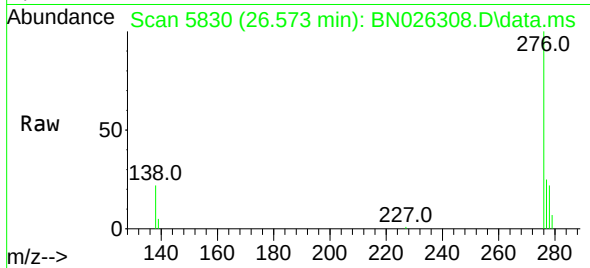
#28
Dibenzo(a,h)anthracene
Concen: 1.243 ng/ul
RT: 26.573 min Scan# 5836
Delta R.T. -0.022 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53

Instrument :

BNA_N

ClientSampleId :

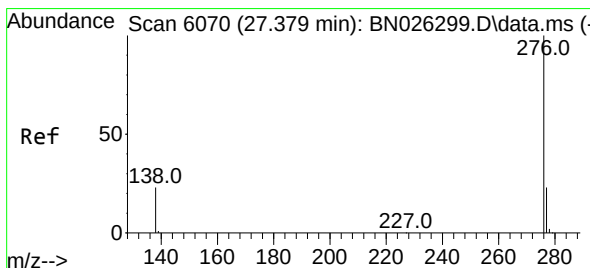
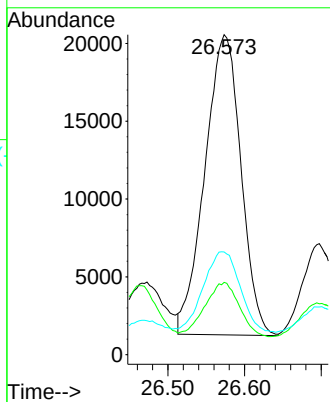
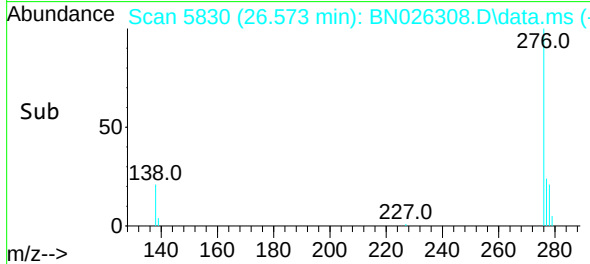
DCGP0



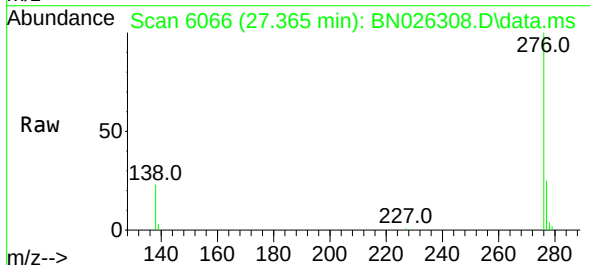
Tgt Ion:278 Resp: 63109
Ion Ratio Lower Upper
278 100
139 22.6 19.0 28.4
279 32.1 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.629 ng/ul
RT: 27.365 min Scan# 6066
Delta R.T. -0.015 min
Lab File: BN026308.D
Acq: 06 Jul 2023 00:53



Tgt Ion:276 Resp: 216622
Ion Ratio Lower Upper
276 100
138 23.5 23.4 35.0
277 25.1 20.0 30.0

