

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026278.D
 Acq On : 05 Jul 2023 00:45
 Operator : MA/JU
 Sample : 03246-04DL 5X
 Misc :
 ALS Vial : 136 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:54:09 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	7.942	152	13276	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	37966	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	20316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	34353	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	23692	0.400	ng/ul	0.00
23) Perylene-d12	23.978	264	26116	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	7123	0.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	1919	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	2852	0.032	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.803	128	15521	0.143	ng/ul	97
7) 2-Methylnaphthalene	12.414	142	13003	0.188	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	8751	0.122	ng/ul	99
10) Acenaphthylene	14.306	152	28744	0.302	ng/ul	99
11) Acenaphthene	14.649	153	4964	0.064	ng/ul	98
12) Fluorene	15.634	166	5094	0.057	ng/ul#	94
15) Phenanthrene	17.376	178	128555	1.133	ng/ul	100
16) Anthracene	17.469	178	27914	0.277	ng/ul	98
19) Fluoranthene	19.396	202	249647	1.973	ng/ul	96
20) Pyrene	19.758	202	206410	1.568	ng/ul	96
21) Benzo(a)anthracene	21.508	228	124076	1.269	ng/ul	96
22) Chrysene	21.561	228	140665	1.383	ng/ul	96
24) Benzo(b)fluoranthene	23.227	252	218698m	1.962	ng/ul	
25) Benzo(k)fluoranthene	23.271	252	75261m	0.672	ng/ul	
26) Benzo(a)pyrene	23.864	252	129832	1.341	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.537	276	100717	0.952	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.541	278	25812	0.323	ng/ul	92
29) Benzo(g,h,i)perylene	27.326	276	92060	0.979	ng/ul	96

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

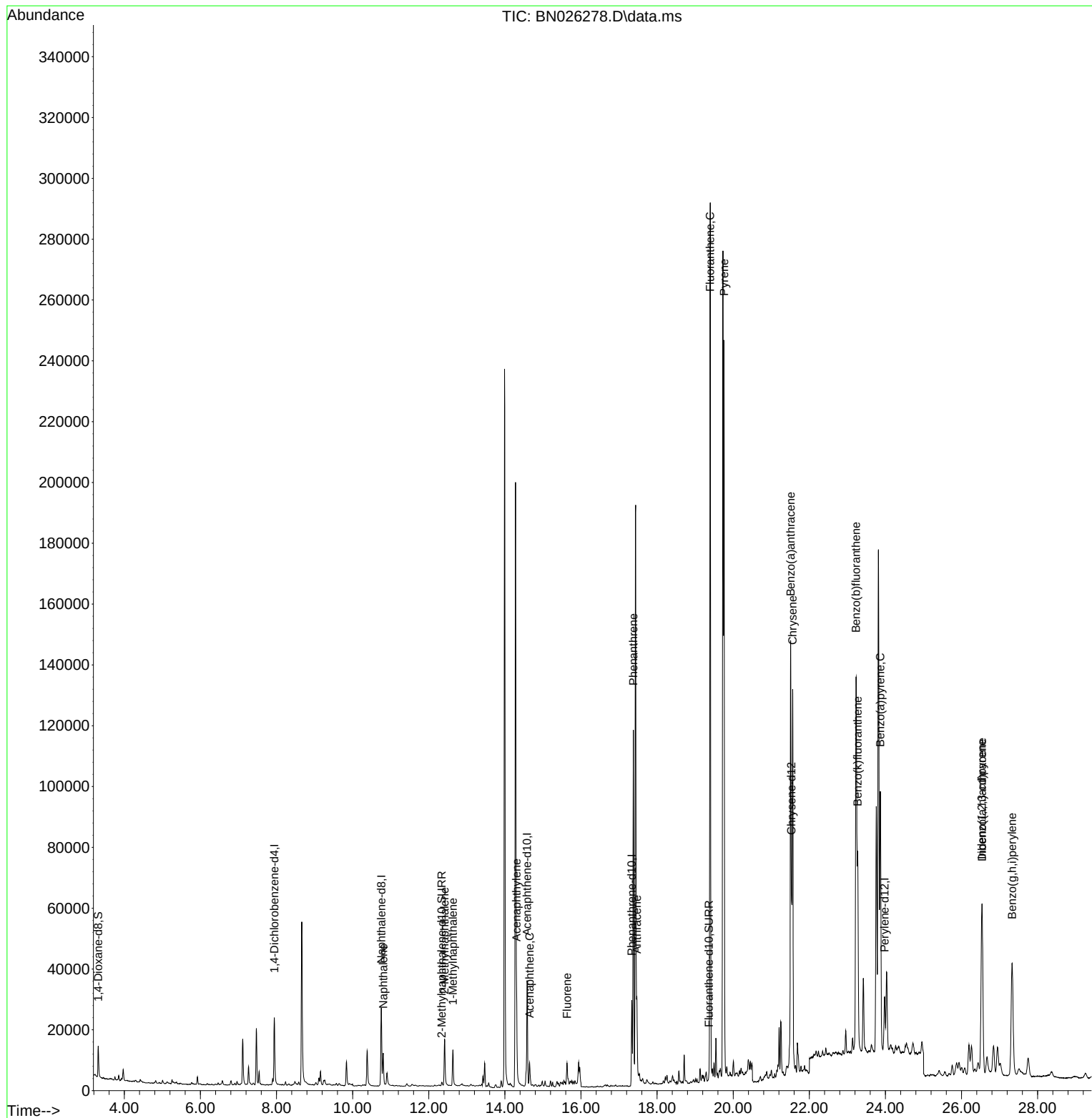
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026278.D
Acq On : 05 Jul 2023 00:45
Operator : MA/JU
Sample : 03246-04DL 5X
Misc :
ALS Vial : 136 Sample Multiplier: 1

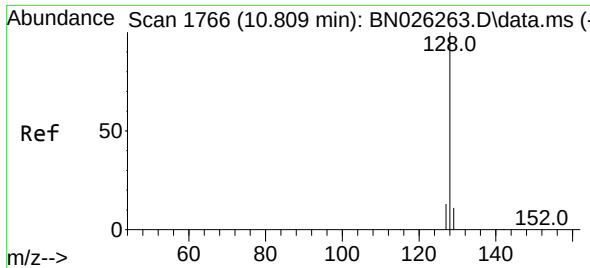
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL

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Supervised By :mohammad ahmed 07/05/2023

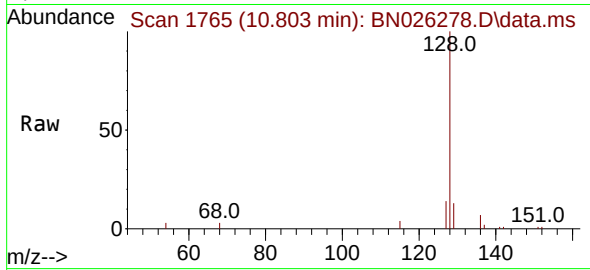
Quant Time: Jul 05 01:54:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.803 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

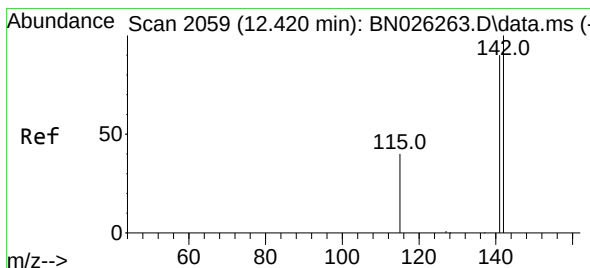
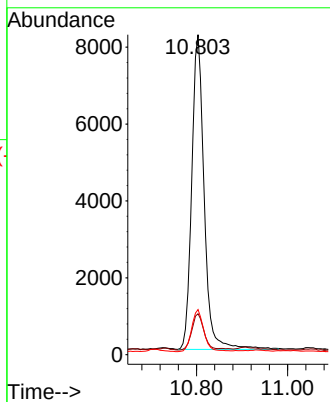
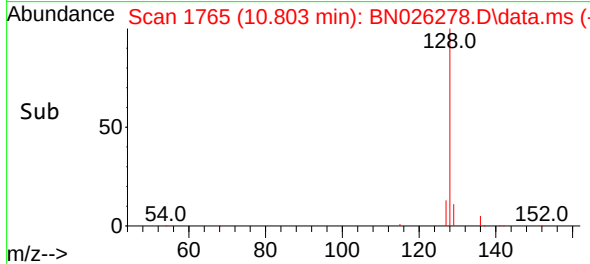
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



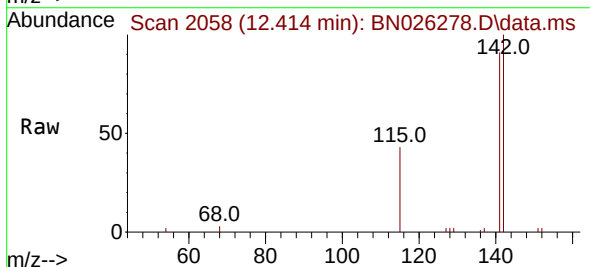
Tgt Ion:128 Resp: 1552
Ion Ratio Lower Upper
128 100
129 12.8 9.1 13.7
127 14.1 10.7 16.1

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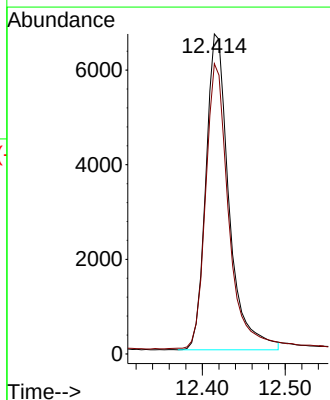
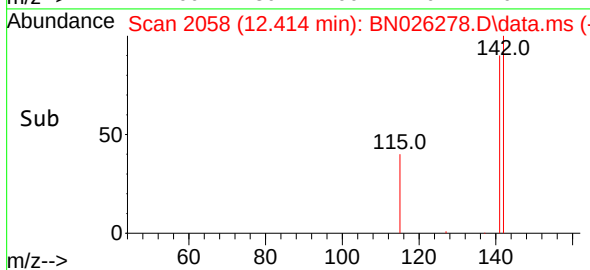
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

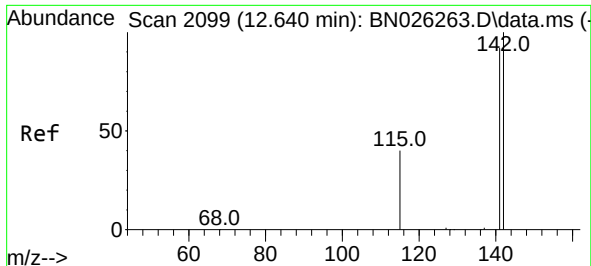


#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45



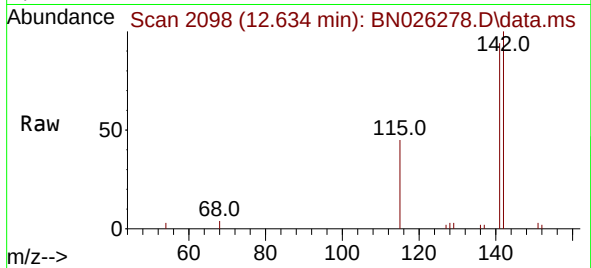
Tgt Ion:142 Resp: 13003
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.634 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

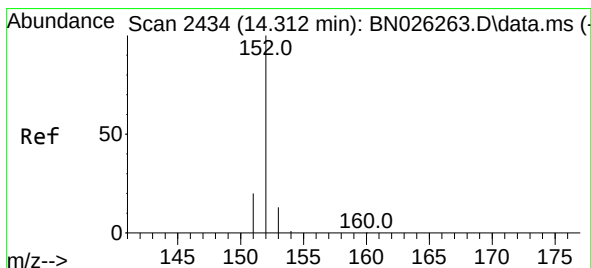
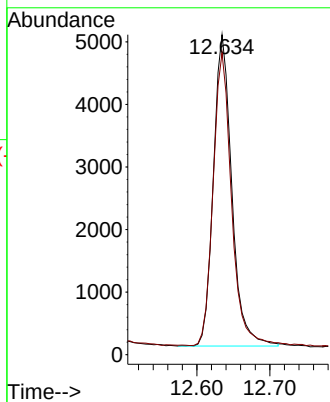
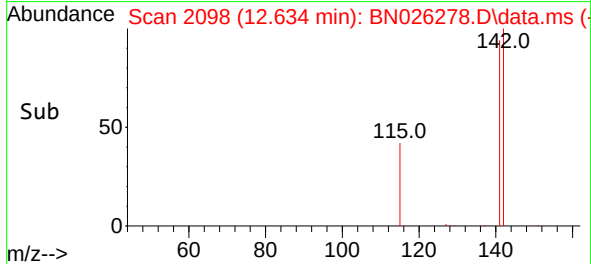
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion:142 Resp: 875
Ion Ratio Lower Upper
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141 93.7 74.2 111.4

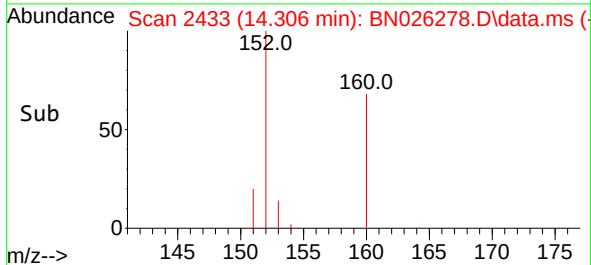
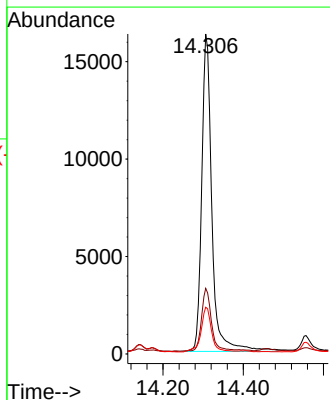
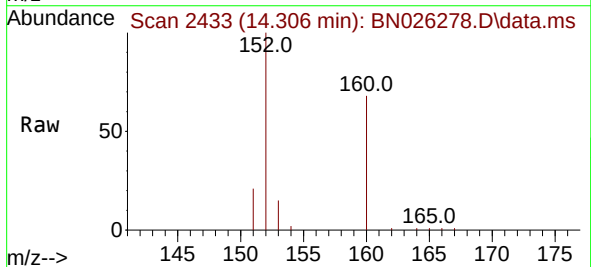
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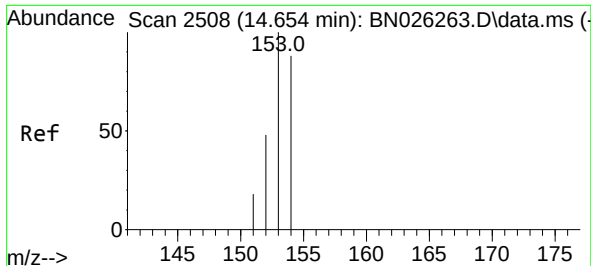
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

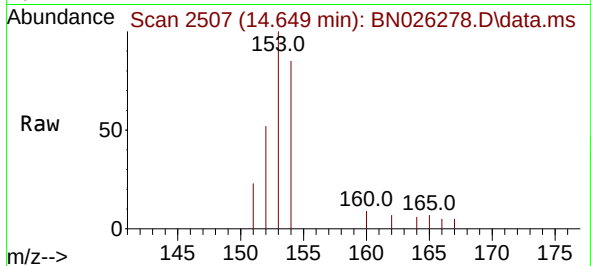
Tgt Ion:152 Resp: 28744
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.649 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

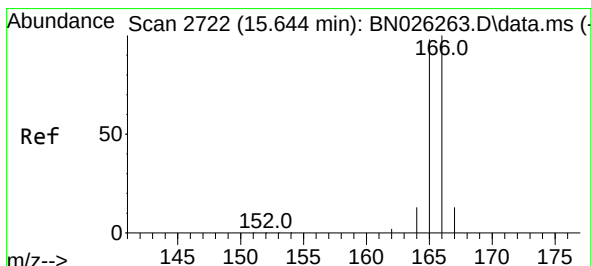
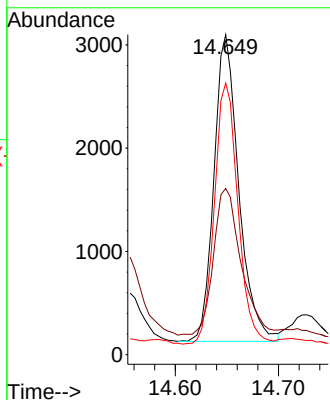
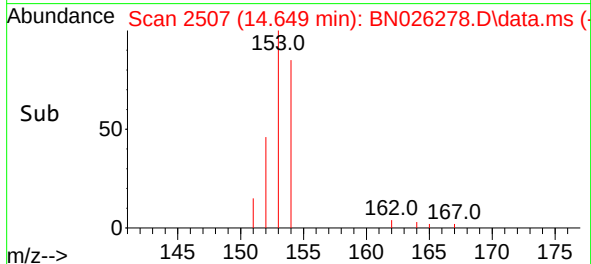
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion:153 Resp: 4964
Ion Ratio Lower Upper
153 100
152 52.0 39.4 59.0
154 84.9 68.9 103.3

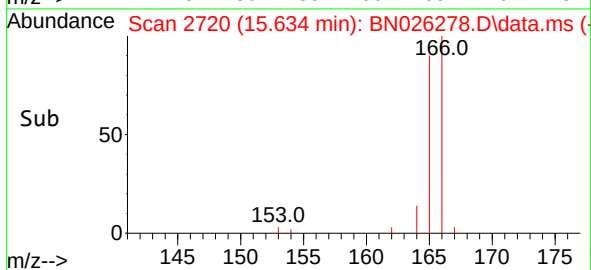
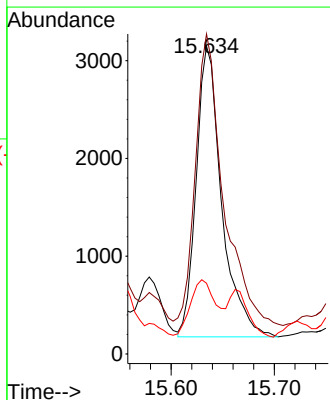
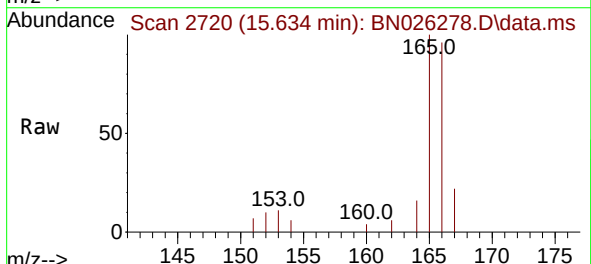
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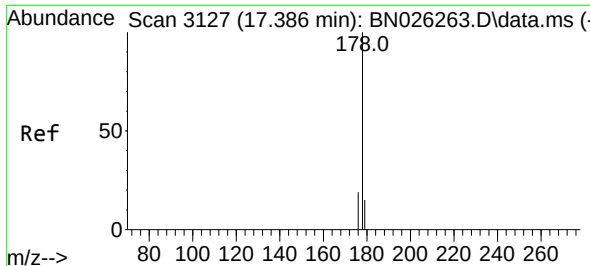
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

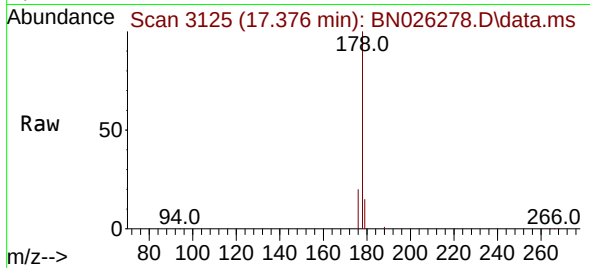
Tgt Ion:166 Resp: 5094
Ion Ratio Lower Upper
166 100
165 103.9 79.9 119.9
167 23.0 10.8 16.2#





#15
Phenanthrene
Concen: 1.133 ng/ul
RT: 17.376 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

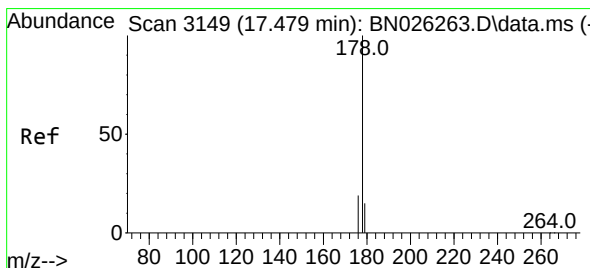
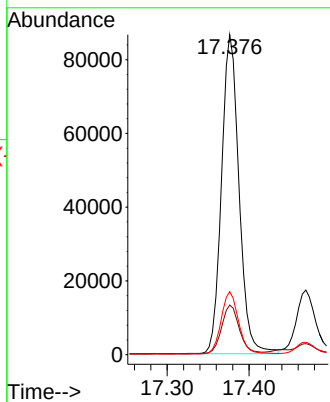
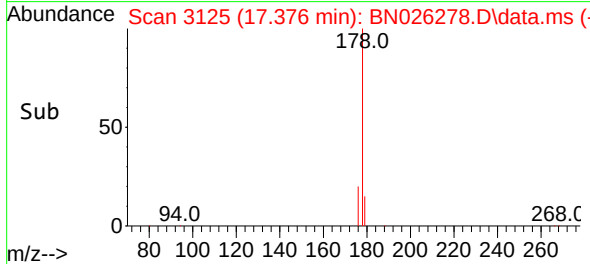
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion:178 Resp: 12855
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.7 15.8 23.6

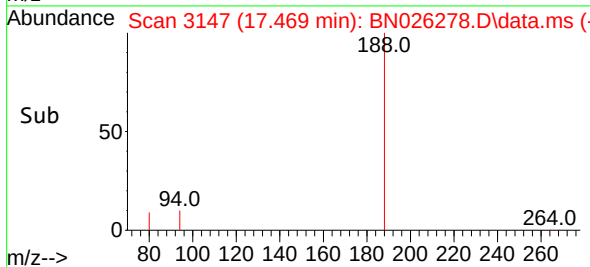
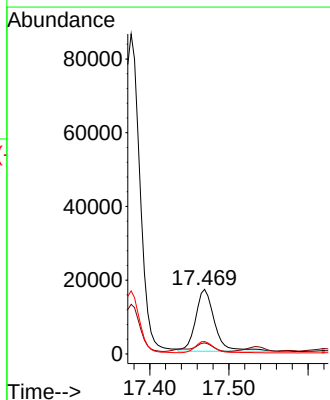
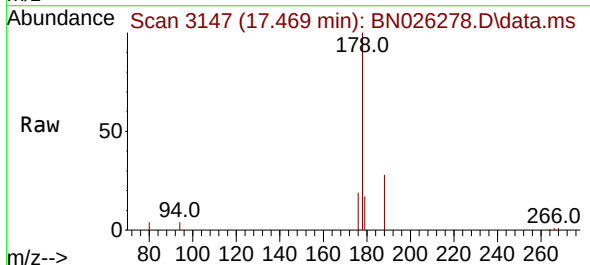
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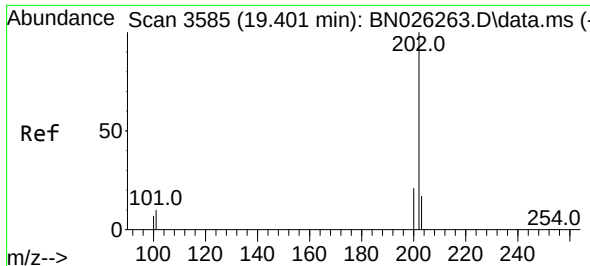
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.277 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

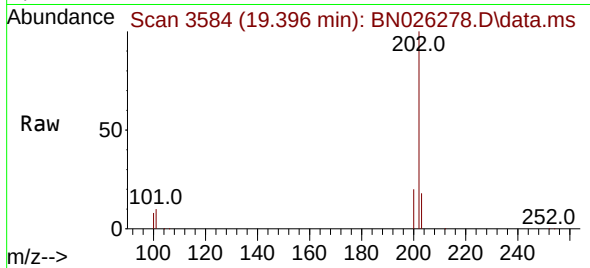
Tgt Ion:178 Resp: 27914
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.3 15.1 22.7





#19
Fluoranthene
Concen: 1.973 ng/u1
RT: 19.396 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

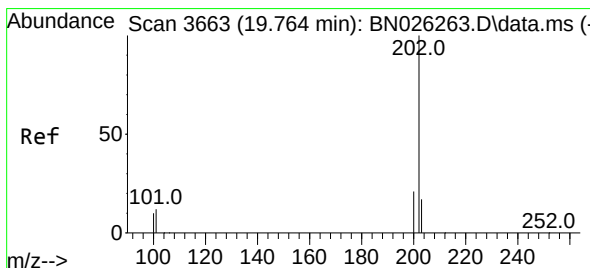
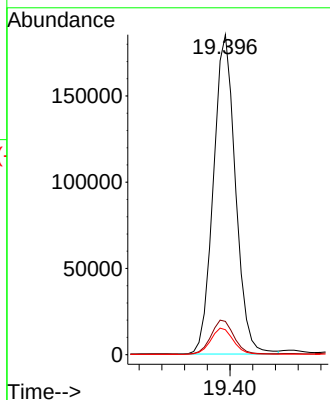
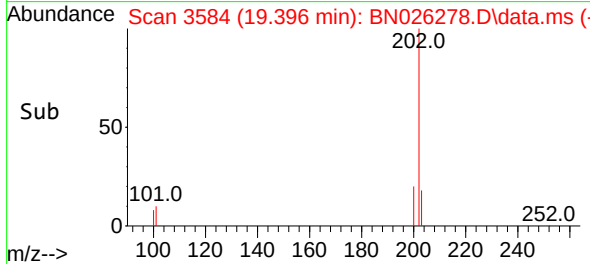
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion:202 Resp: 24964
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 7.8 7.3 10.9

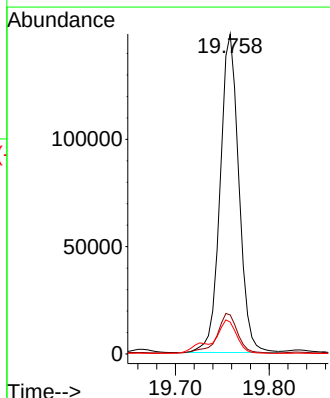
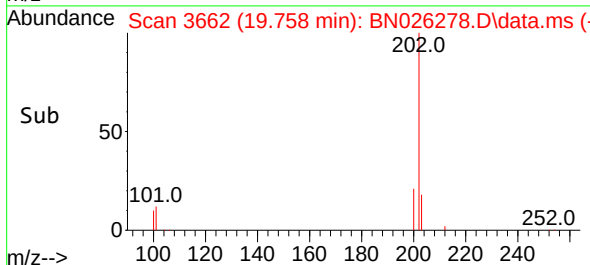
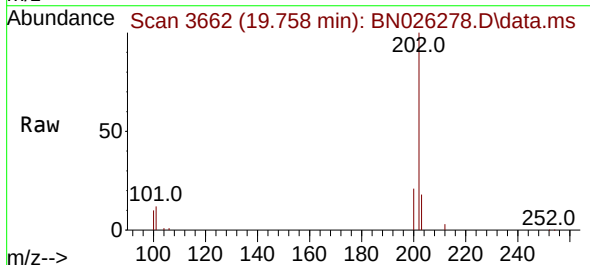
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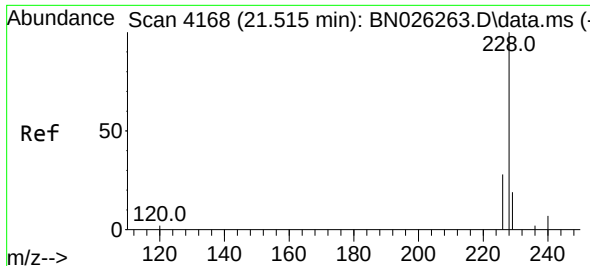
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 1.568 ng/u1
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

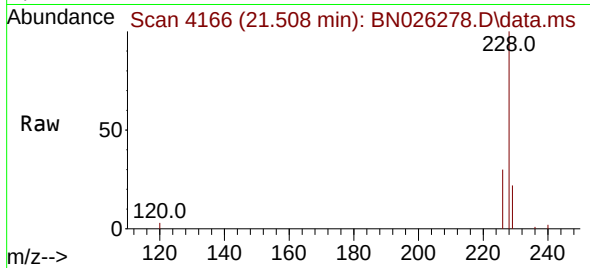
Tgt Ion:202 Resp: 206410
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.269 ng/ul
RT: 21.508 min Scan# 4166
Delta R.T. -0.007 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

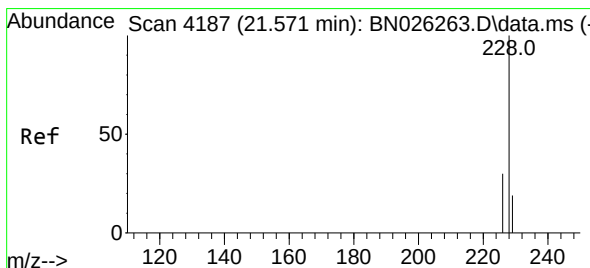
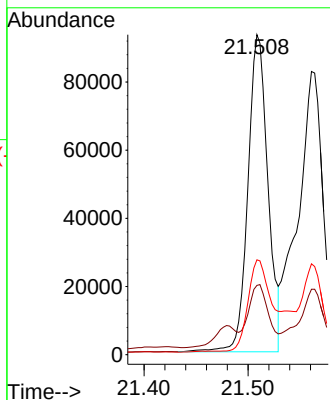
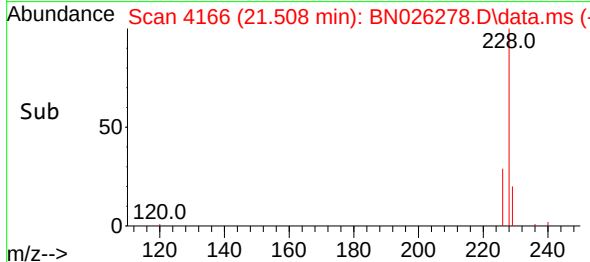
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion:228 Resp: 124070
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 29.6 22.5 33.7

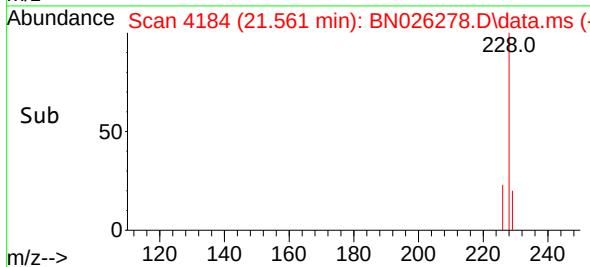
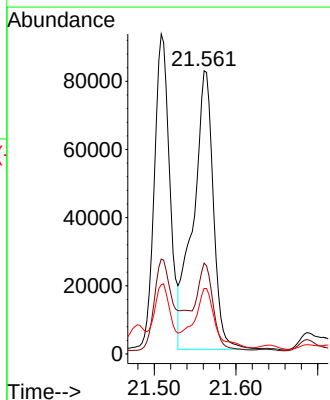
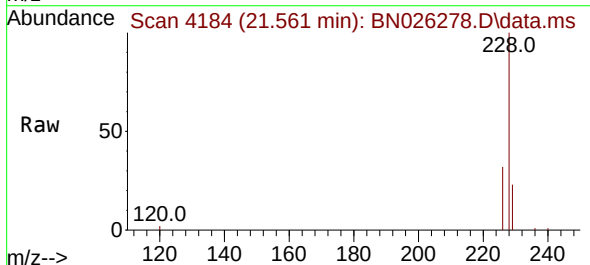
Manual Integrations
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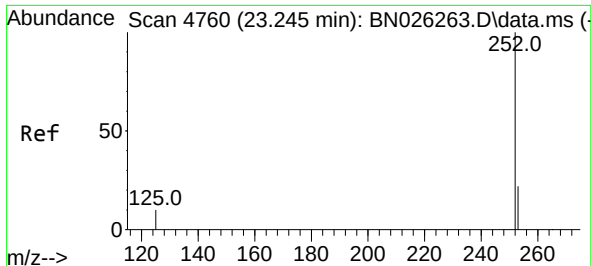
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 1.383 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. -0.010 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

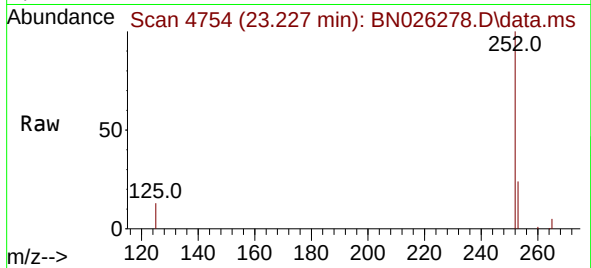
Tgt Ion:228 Resp: 140665
Ion Ratio Lower Upper
228 100
226 32.1 24.8 37.2
229 23.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.962 ng/ul m
RT: 23.227 min Scan# 4754
Delta R.T. -0.018 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

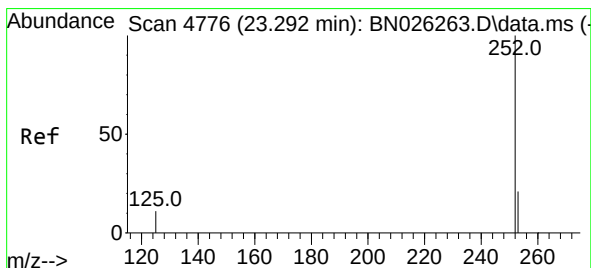
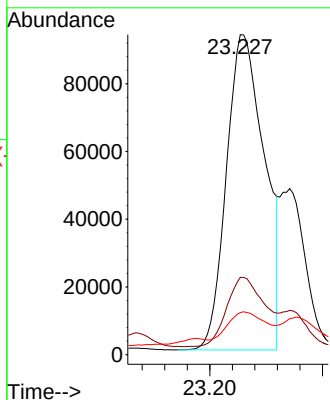
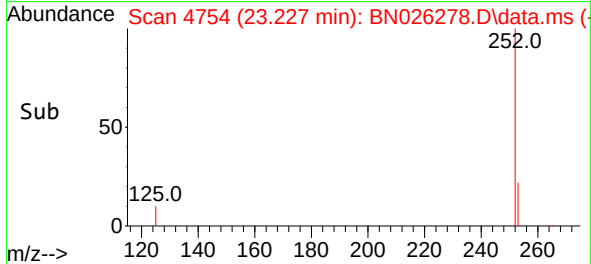
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion:252 Resp: 218698
Ion Ratio Lower Upper
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253 24.2 0.0 55.6
125 13.2 0.0 35.8

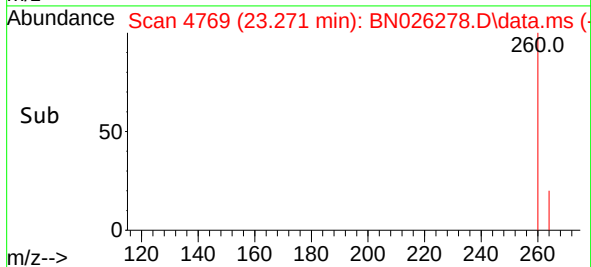
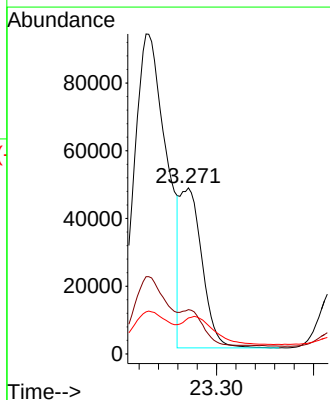
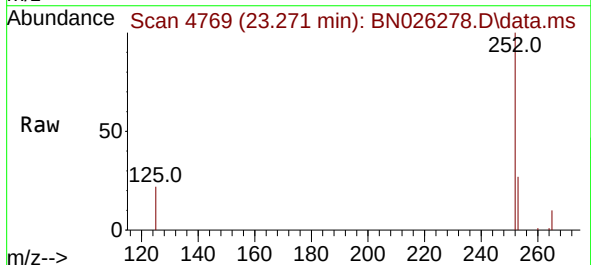
Manual Integrations
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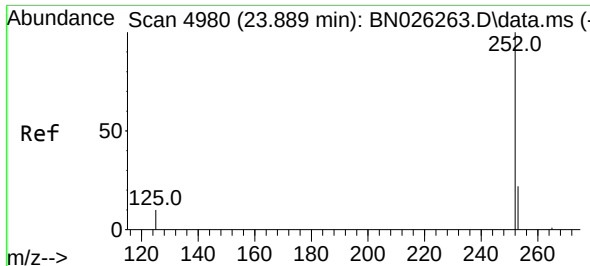
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.672 ng/ul m
RT: 23.271 min Scan# 4769
Delta R.T. -0.021 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

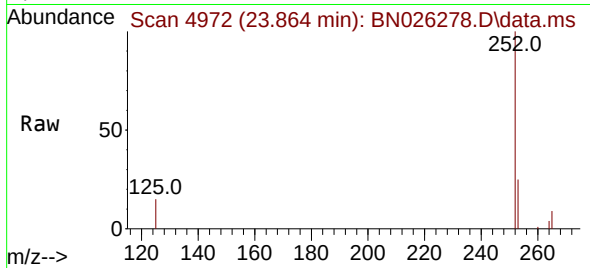
Tgt Ion:252 Resp: 75261
Ion Ratio Lower Upper
252 100
253 26.7 23.2 34.8
125 21.6 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.341 ng/ul
RT: 23.864 min Scan# 4980
Delta R.T. -0.024 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

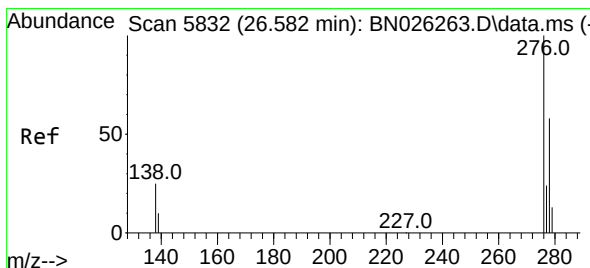
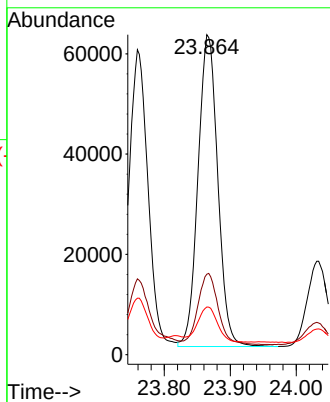
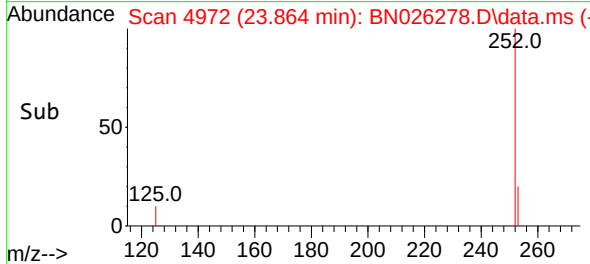
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion:252 Resp: 129832
Ion Ratio Lower Upper
252 100
253 25.1 26.0 39.0#
125 14.9 17.3 25.9#

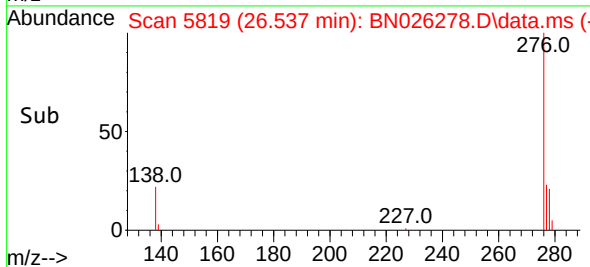
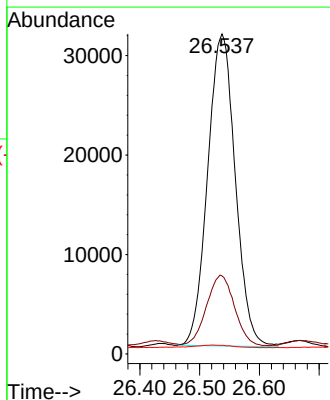
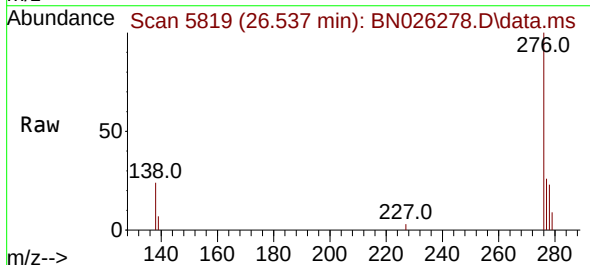
Manual Integrations
APPROVED

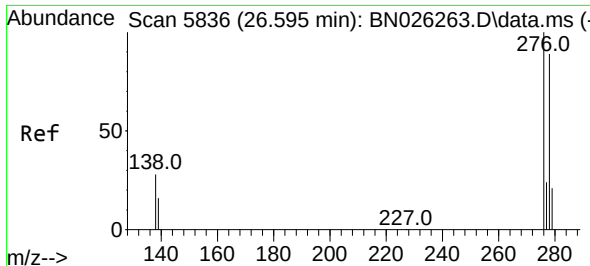
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.952 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.044 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

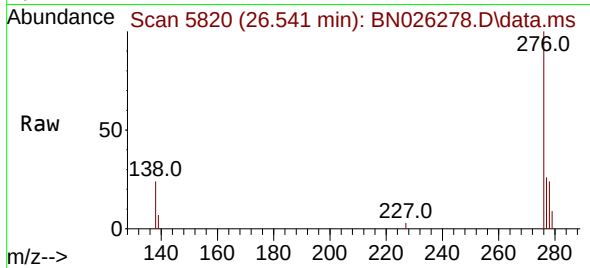
Tgt Ion:276 Resp: 100717
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 1.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 26.541 min Scan# 5812
Delta R.T. -0.054 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

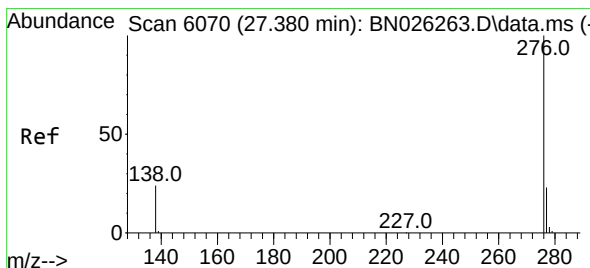
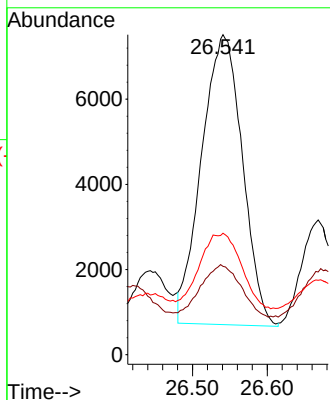
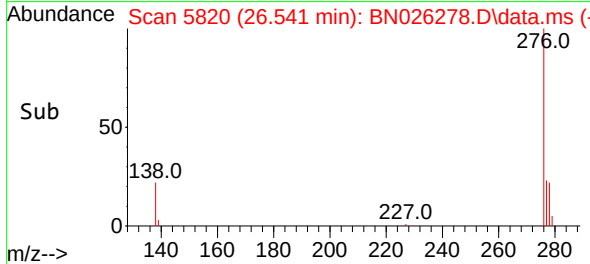
Instrument :
BNA_N
ClientSampleId :
DCGJ1DL



Tgt Ion: 278 Resp: 25812
Ion Ratio Lower Upper
278 100
139 27.6 19.0 28.4
279 37.9 26.7 40.1

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/05/2023
Supervised By : mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.979 ng/ul
RT: 27.326 min Scan# 6054
Delta R.T. -0.054 min
Lab File: BN026278.D
Acq: 05 Jul 2023 00:45

Tgt Ion: 276 Resp: 92060
Ion Ratio Lower Upper
276 100
138 25.2 23.4 35.0
277 24.7 20.0 30.0

