

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026281.D
 Acq On : 05 Jul 2023 03:10
 Operator : MA/JU
 Sample : 03247-22
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP346

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 04:13:18 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	13548	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	41628	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.585	164	22973	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	42451	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	24891	0.400	ng/ul	0.00
23) Perylene-d12	23.988	264	27876	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	40246	2.638	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	11418	0.178	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	18563	0.196	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	3860	0.032	ng/ul#	91
7) 2-Methylnaphthalene	12.414	142	2494	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	1896	0.024	ng/ul#	78
10) Acenaphthylene	14.307	152	2902	0.027	ng/ul#	79
15) Phenanthrene	17.377	178	27777	0.198	ng/ul	98
16) Anthracene	17.466	178	3429	0.028	ng/ul#	83
19) Fluoranthene	19.397	202	70813	0.533	ng/ul#	49
20) Pyrene	19.759	202	60175	0.435	ng/ul	99
21) Benzo(a)anthracene	21.509	228	32159	0.313	ng/ul	96
22) Chrysene	21.565	228	41550	0.389	ng/ul	96
24) Benzo(b)fluoranthene	23.234	252	68409m	0.575	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	22886m	0.192	ng/ul	
26) Benzo(a)pyrene	23.874	252	42212	0.408	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.575	276	37568	0.333	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.578	278	9046	0.106	ng/ul#	66
29) Benzo(g,h,i)perylene	27.370	276	33055	0.329	ng/ul	98

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

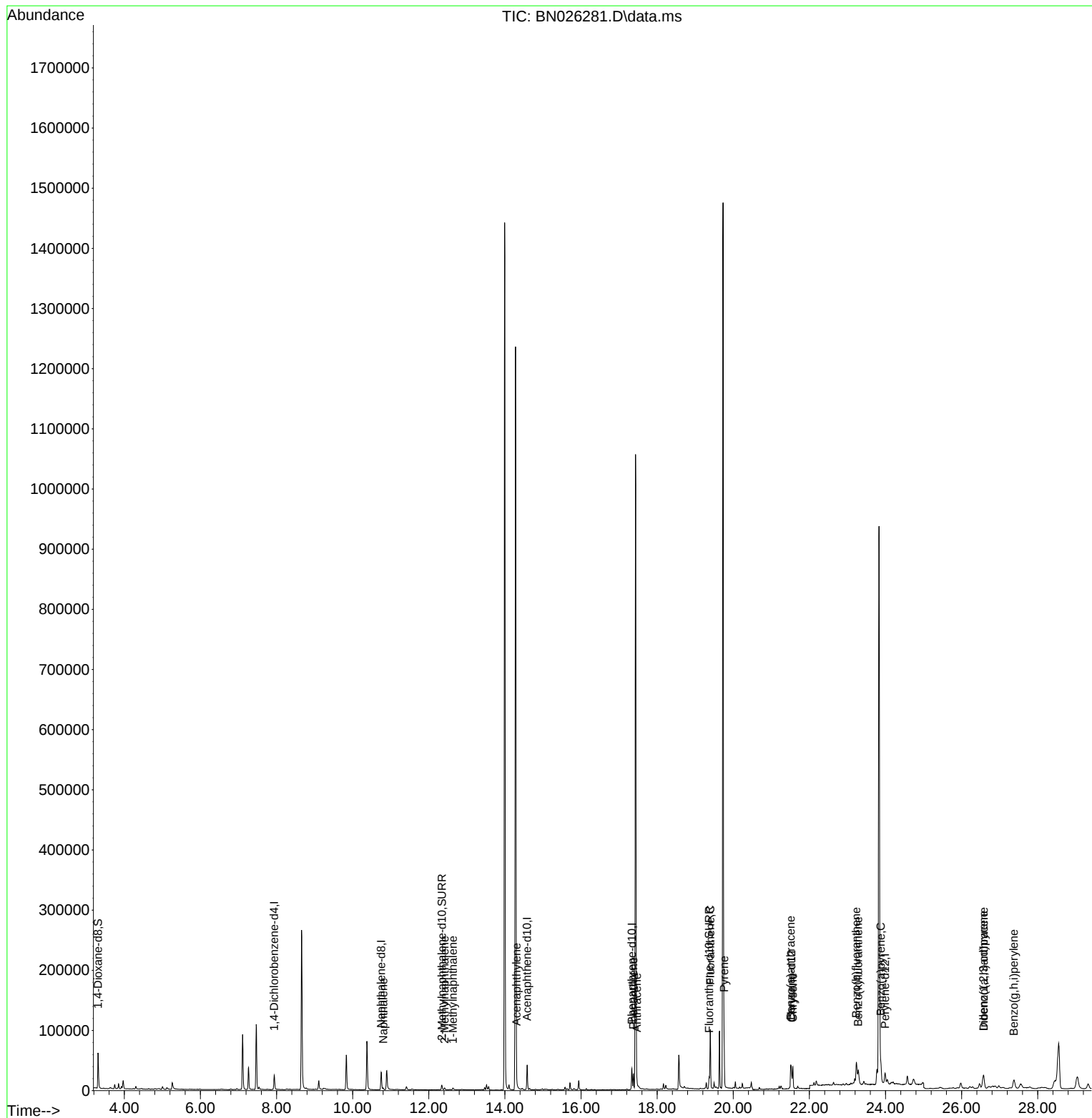
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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Sample : 03247-22
Misc :
ALS Vial : 103 Sample Multiplier: 1

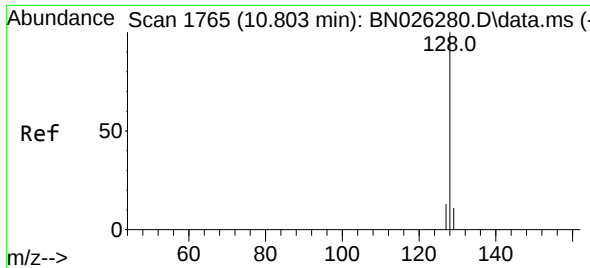
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Quant Time: Jul 05 04:13:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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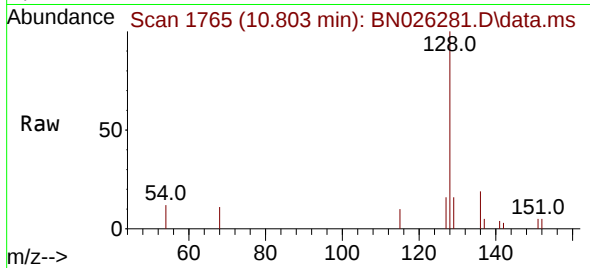
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

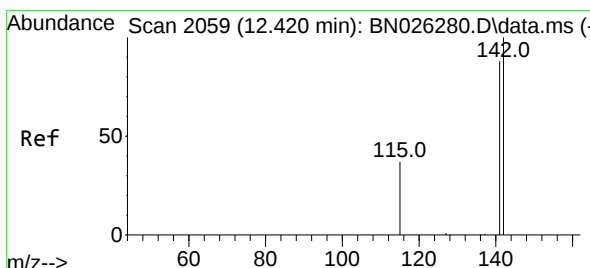
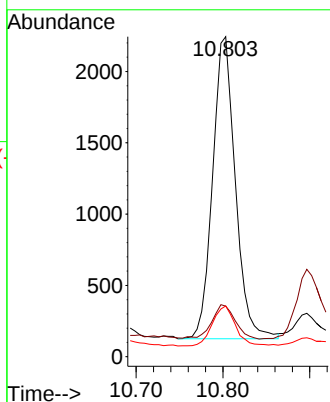
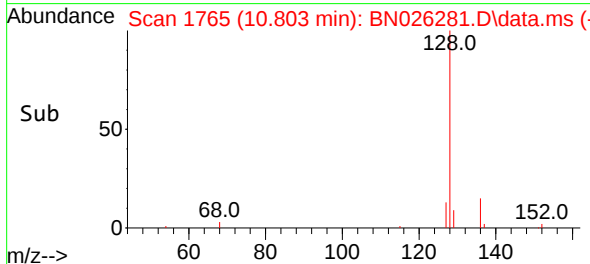
Instrument :
BNA_N
ClientSampleId :
DFTPP346



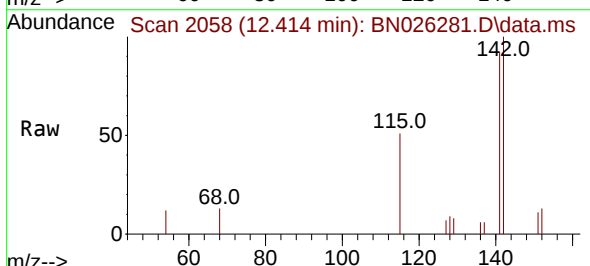
Tgt Ion:128 Resp: 3860
Ion Ratio Lower Upper
128 100
129 15.8 9.1 13.7
127 15.9 10.7 16.1

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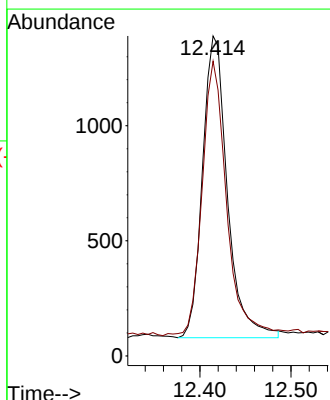
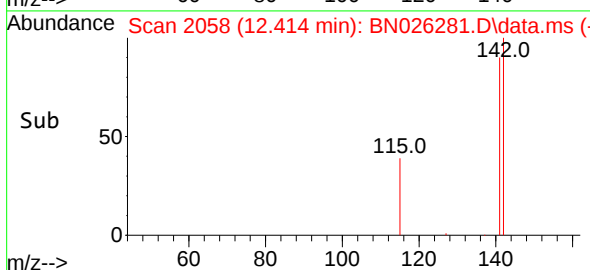
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

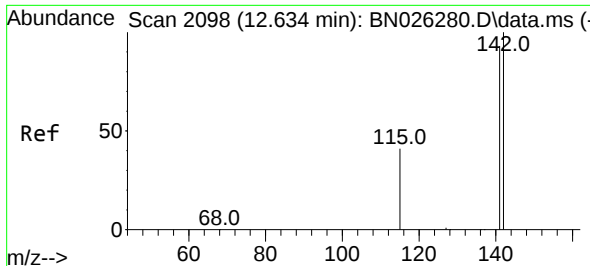


#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10



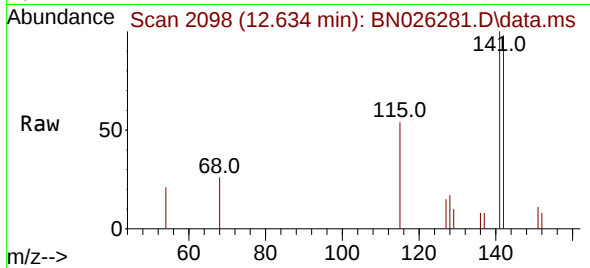
Tgt Ion:142 Resp: 2494
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

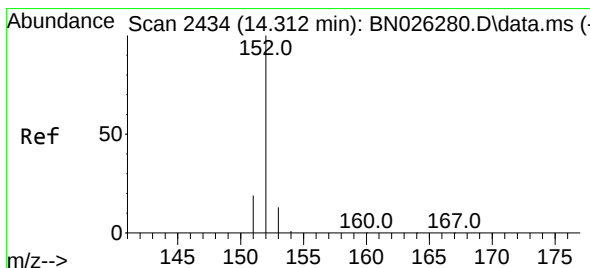
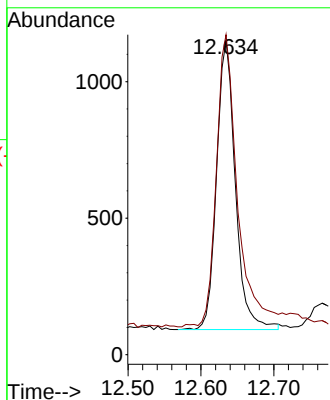
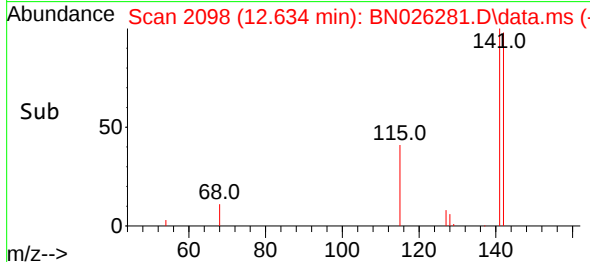
Instrument :
BNA_N
ClientSampleId :
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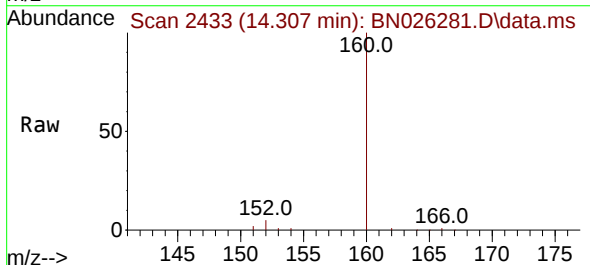
Tgt Ion:142 Resp: 1890
Ion Ratio Lower Upper
142 100
141 114.0 74.2 111.4#

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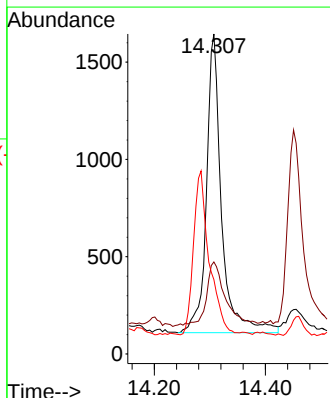
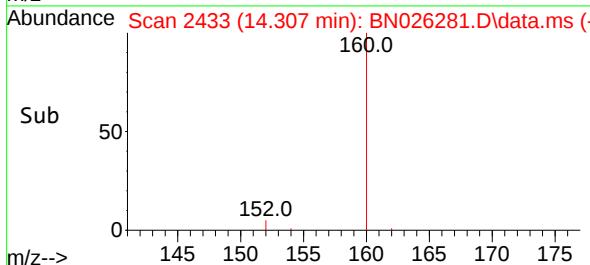
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

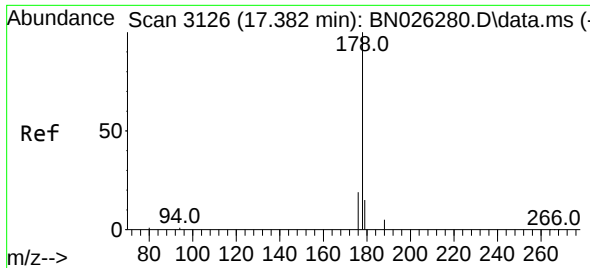


#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10



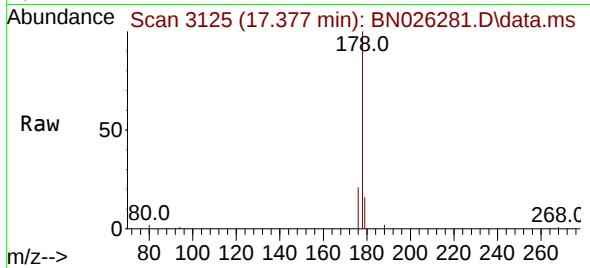
Tgt Ion:152 Resp: 2902
Ion Ratio Lower Upper
152 100
151 28.8 16.2 24.4#
153 23.3 10.9 16.3#





#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

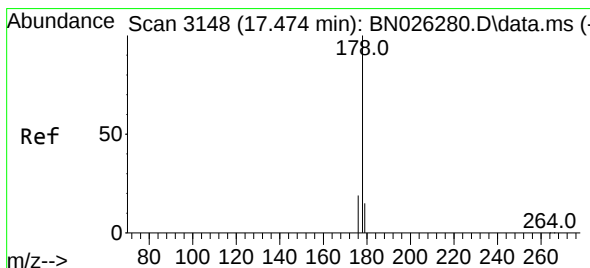
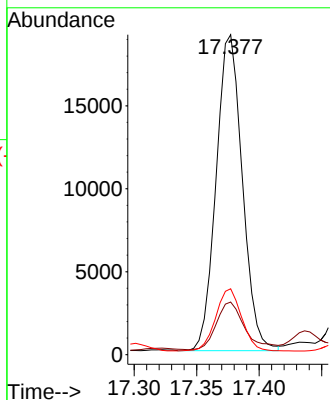
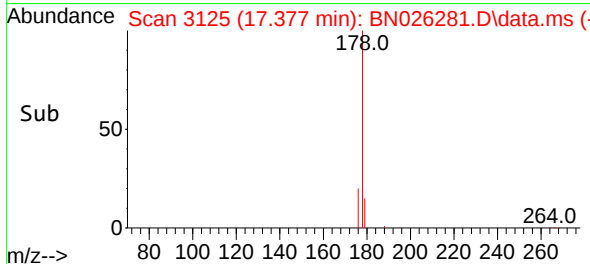
Instrument :
BNA_N
ClientSampleId :
DFTPP346



Tgt Ion:178 Resp: 2777
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.6 15.8 23.6

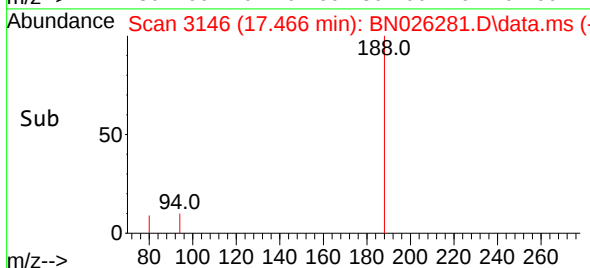
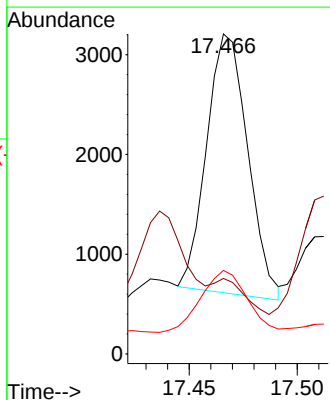
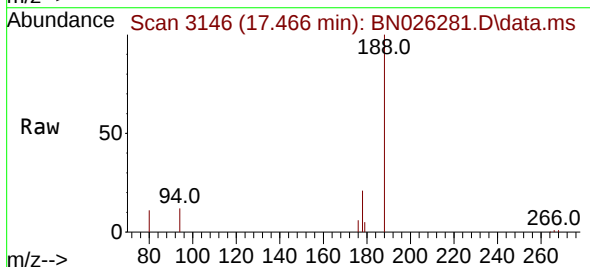
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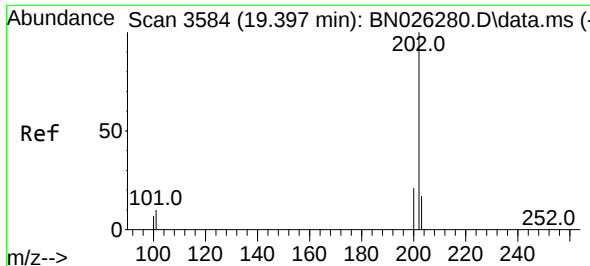
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.466 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

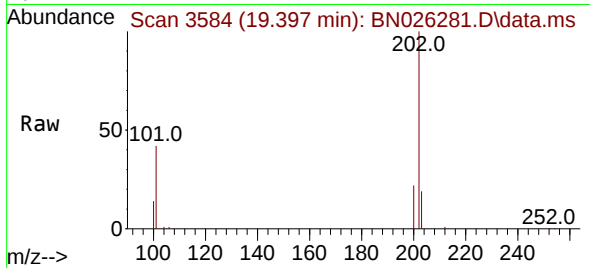
Tgt Ion:178 Resp: 3429
Ion Ratio Lower Upper
178 100
179 23.6 12.6 18.8#
176 26.1 15.1 22.7#





#19
Fluoranthene
Concen: 0.533 ng/u1
RT: 19.397 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

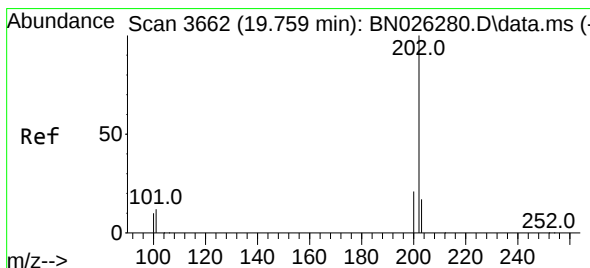
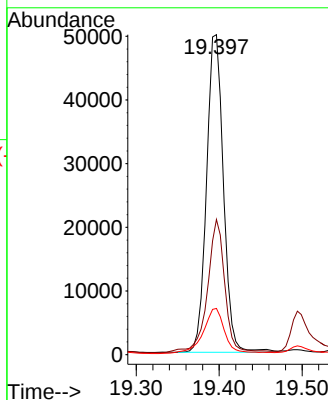
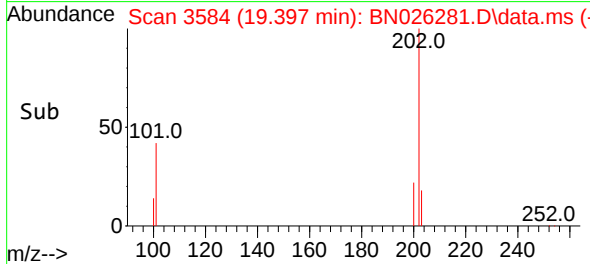
Instrument :
BNA_N
ClientSampleId :
DFTPP346



Tgt Ion:202 Resp: 70811
Ion Ratio Lower Upper
202 100
101 42.3 9.5 14.3
100 14.5 7.3 10.9

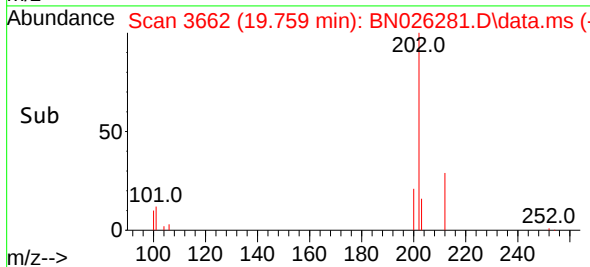
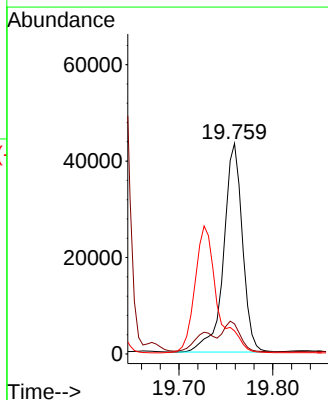
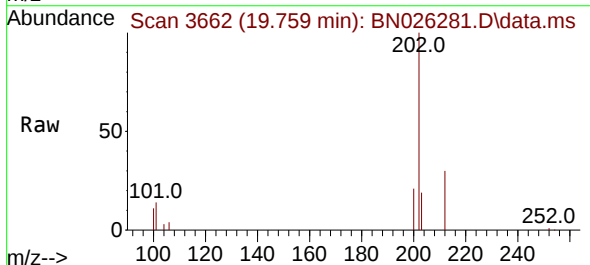
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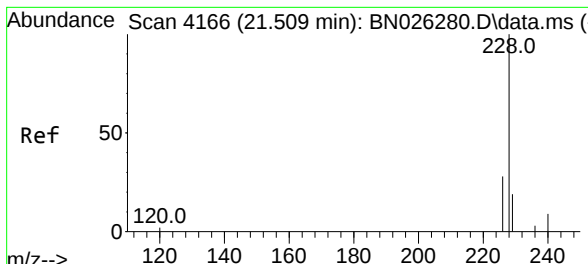
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 0.435 ng/u1
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

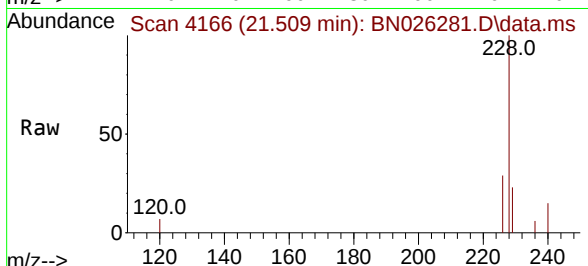
Tgt Ion:202 Resp: 60175
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.313 ng/u1
RT: 21.509 min Scan# 4166
Delta R.T. -0.006 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

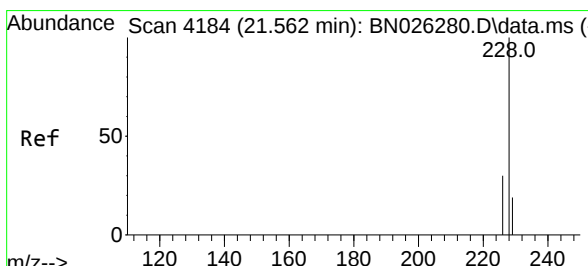
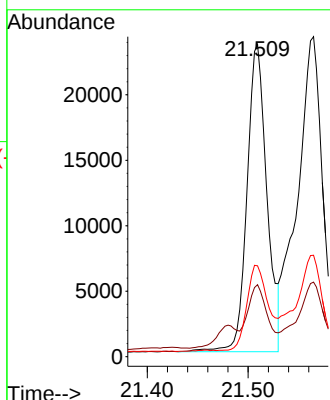
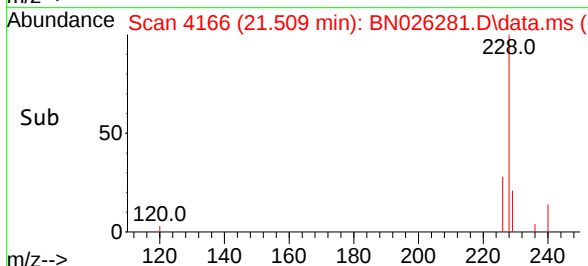
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DFTPP346



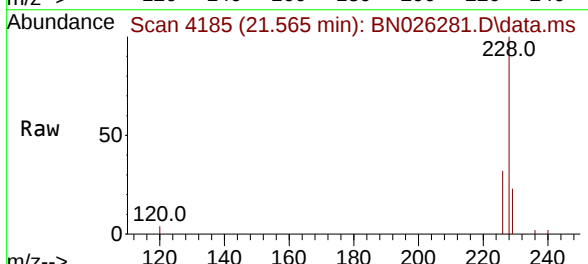
Tgt Ion:228 Resp: 32159
Ion Ratio Lower Upper
228 100
229 23.1 15.8 23.6
226 29.1 22.5 33.7

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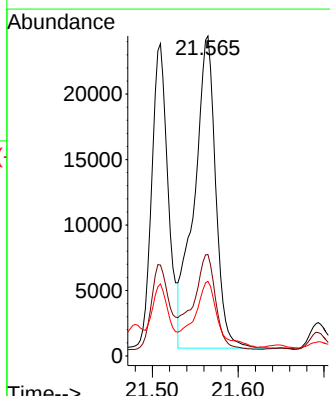
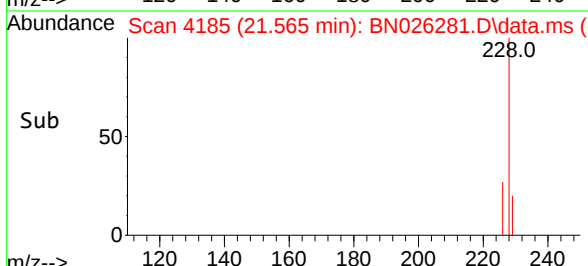
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

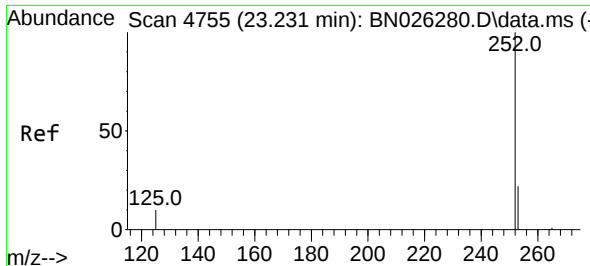


#22
Chrysene
Concen: 0.389 ng/u1
RT: 21.565 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10



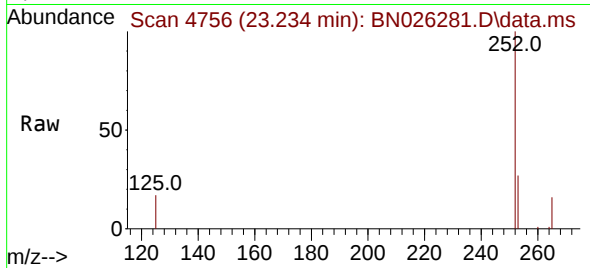
Tgt Ion:228 Resp: 41550
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 23.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.575 ng/ul m
RT: 23.234 min Scan# 4756
Delta R.T. -0.012 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

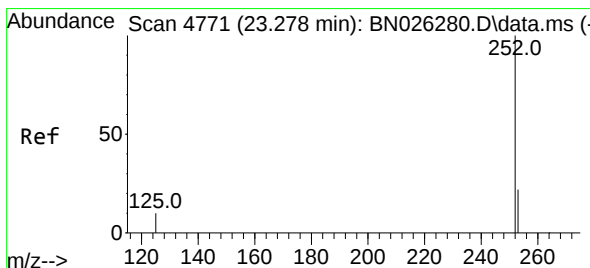
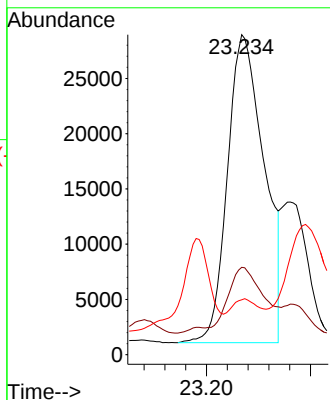
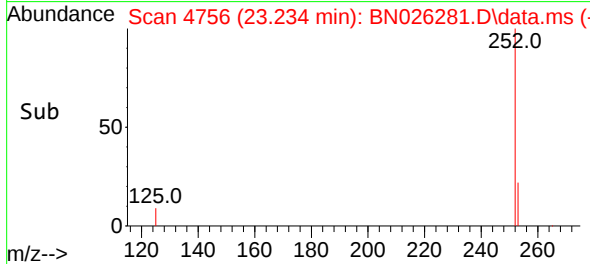
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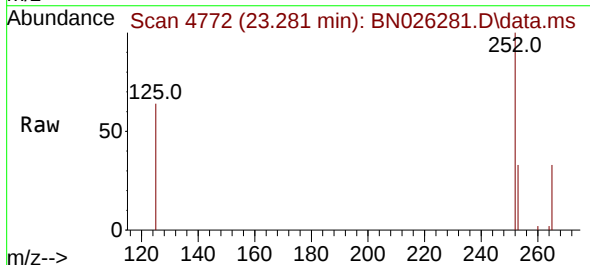
Tgt Ion:252 Resp: 68409
Ion Ratio Lower Upper
252 100
253 27.3 0.0 55.6
125 17.2 0.0 35.8

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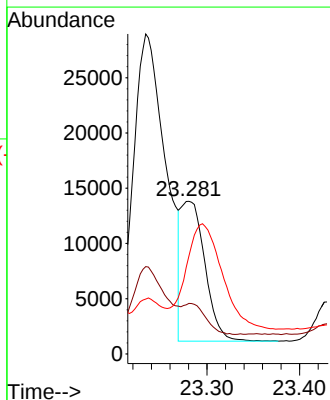
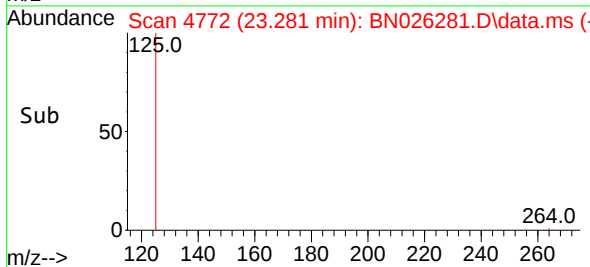
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

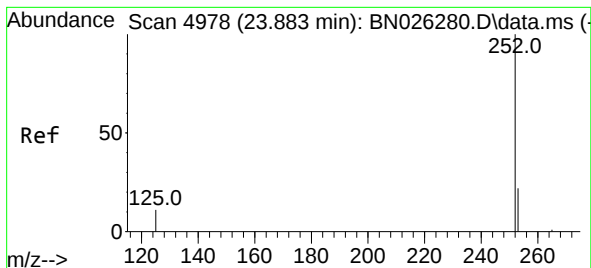


#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul m
RT: 23.281 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10



Tgt Ion:252 Resp: 22886
Ion Ratio Lower Upper
252 100
253 33.1 23.2 34.8
125 64.1 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.408 ng/ul

RT: 23.874 min Scan# 4978

Delta R.T. -0.015 min

Lab File: BN026281.D

Acq: 05 Jul 2023 03:10

Instrument :

BNA_N

ClientSampleId :

DFTPP346

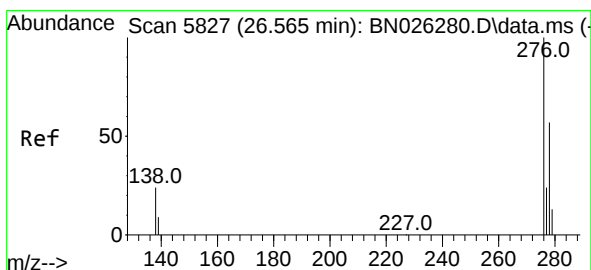
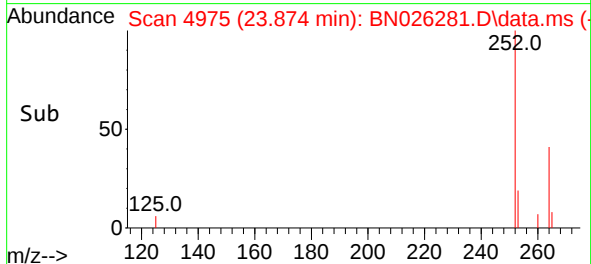
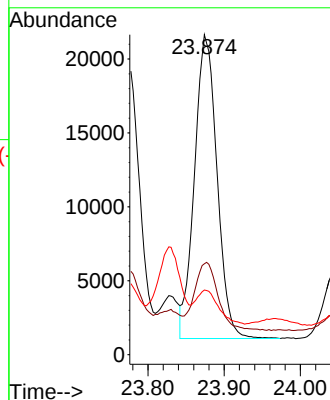
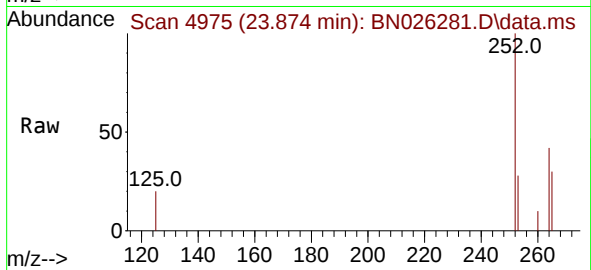
Tgt Ion:	252	Resp:	4221
Ion Ratio	Lower	Upper	
252	100		
253	28.4	26.0	39.0
125	20.2	17.3	25.9

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.333 ng/ul

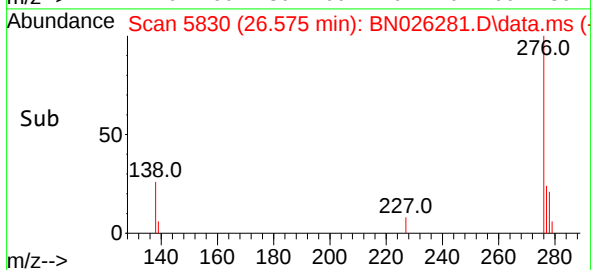
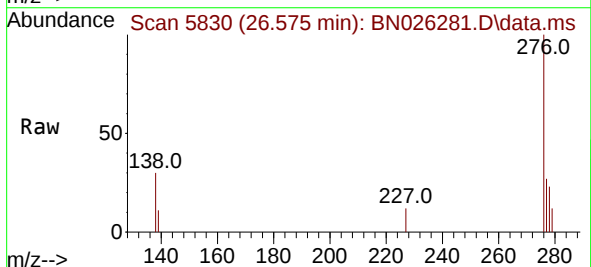
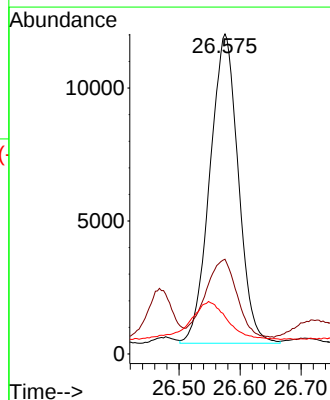
RT: 26.575 min Scan# 5830

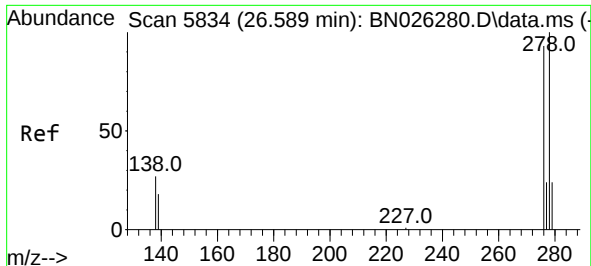
Delta R.T. -0.007 min

Lab File: BN026281.D

Acq: 05 Jul 2023 03:10

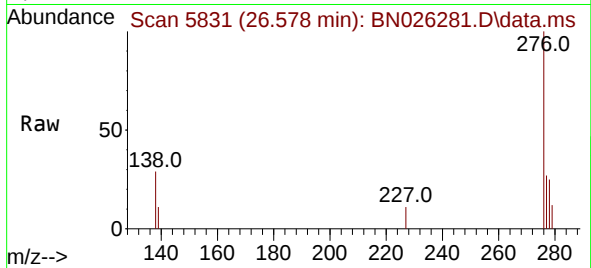
Tgt Ion:	276	Resp:	37568
Ion Ratio	Lower	Upper	
276	100		
138	28.1	24.5	36.7
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.578 min Scan# 5834
Delta R.T. -0.017 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

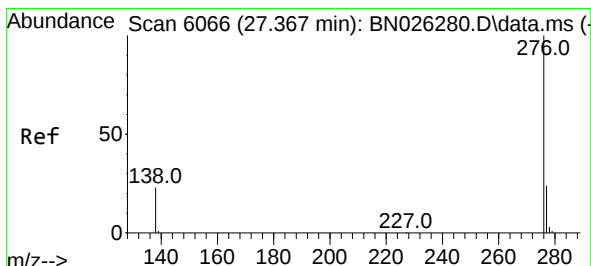
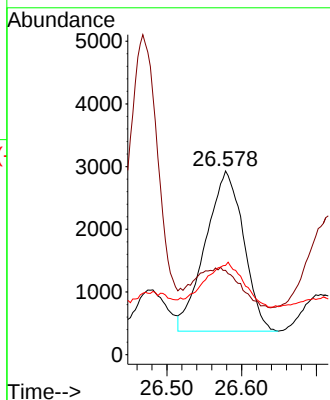
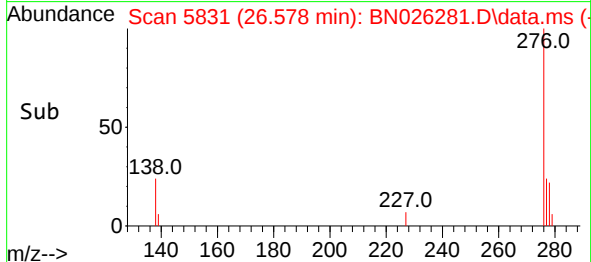
Instrument :
BNA_N
ClientSampleId :
DFTFP346



Tgt Ion:278 Resp: 9040
Ion Ratio Lower Upper
278 100
139 45.9 19.0 28.4
279 48.6 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: 0.329 ng/ul
RT: 27.370 min Scan# 6067
Delta R.T. -0.010 min
Lab File: BN026281.D
Acq: 05 Jul 2023 03:10

Tgt Ion:276 Resp: 33055
Ion Ratio Lower Upper
276 100
138 29.7 23.4 35.0
277 27.0 20.0 30.0

