

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025981.D
 Acq On : 23 Jun 2023 23:16
 Operator : MA/JU
 Sample : 03085-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFN8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 01:02:04 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	7729	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	24445	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15430	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	33332	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	20192	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	18115	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	30804	3.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	10258	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	24375	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	2231	0.032	ng/ul#	85
7) 2-Methylnaphthalene	12.448	142	1257	0.028	ng/ul	100
8) 1-Methylnaphthalene	12.668	142	940	0.020	ng/ul	98
10) Acenaphthylene	14.335	152	4597	0.064	ng/ul#	89
15) Phenanthrene	17.403	178	21206	0.193	ng/ul	98
16) Anthracene	17.496	178	3716	0.038	ng/ul#	85
19) Fluoranthene	19.415	202	68128	0.632	ng/ul	96
20) Pyrene	19.778	202	55499m	0.495	ng/ul	
21) Benzo(a)anthracene	21.530	228	27180	0.326	ng/ul#	92
22) Chrysene	21.582	228	36657	0.423	ng/ul#	91
24) Benzo(b)fluoranthene	23.263	252	47868m	0.619	ng/ul	
25) Benzo(k)fluoranthene	23.301	252	15659m	0.202	ng/ul	
26) Benzo(a)pyrene	23.912	252	25194	0.375	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.595	276	24618	0.336	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.612	278	5579	0.100	ng/ul#	48
29) Benzo(g,h,i)perylene	27.400	276	24182	0.371	ng/ul	93

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

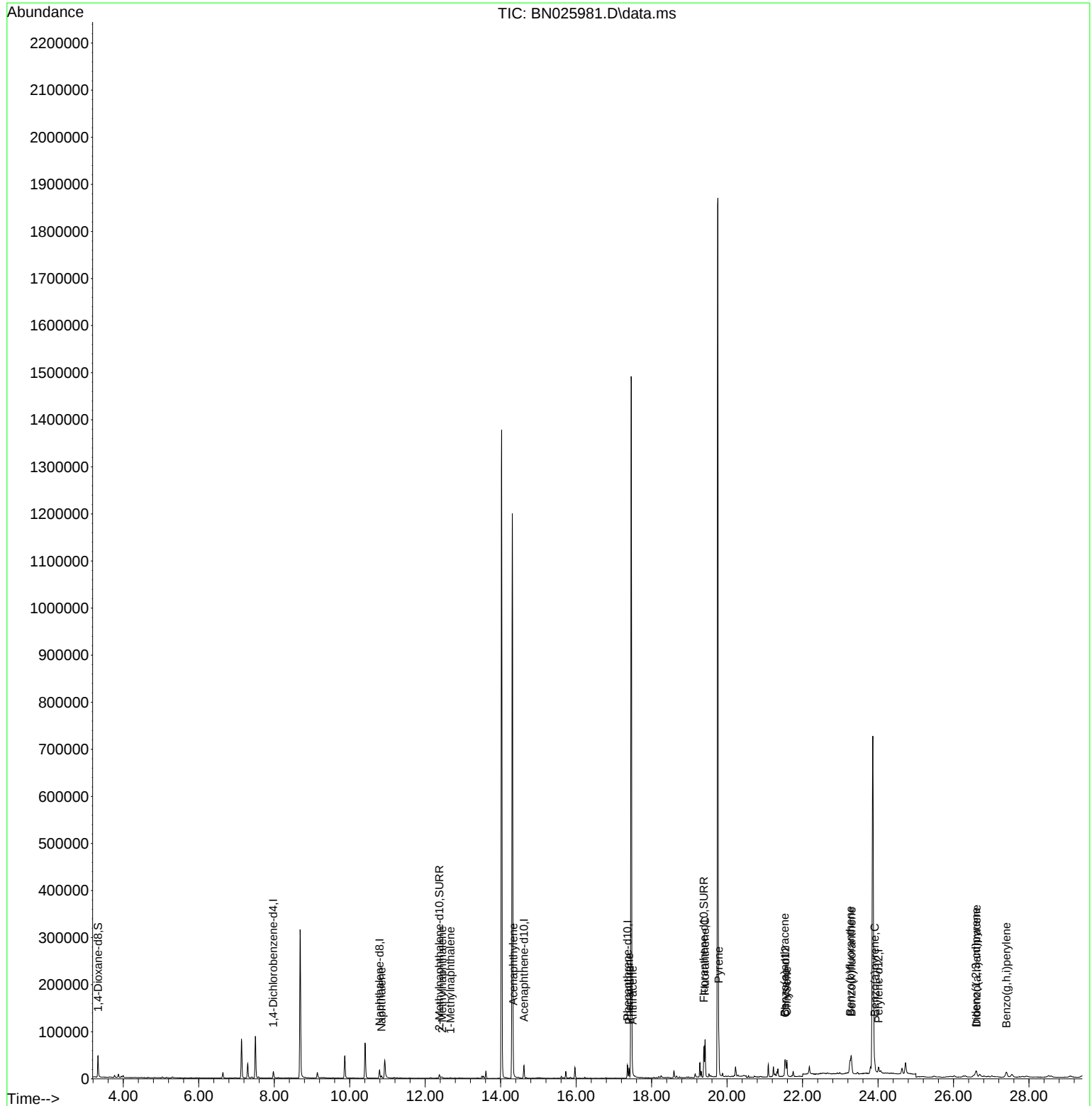
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025981.D
Acq On : 23 Jun 2023 23:16
Operator : MA/JU
Sample : 03085-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

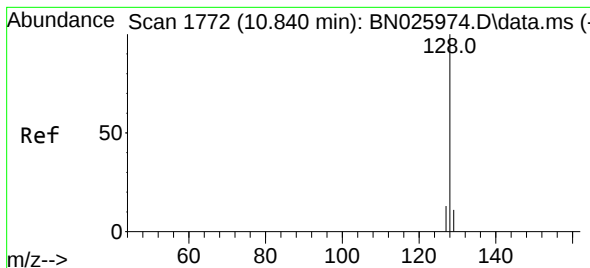
Instrument :
BNA_N
ClientSampleId :
DCFN8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

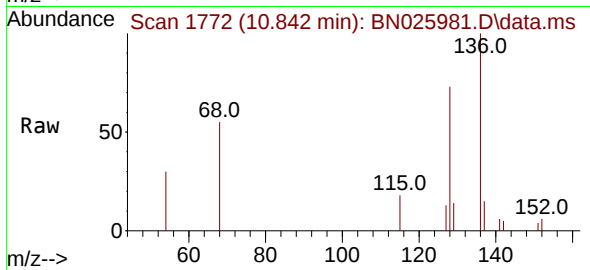
Quant Time: Jun 24 01:02:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

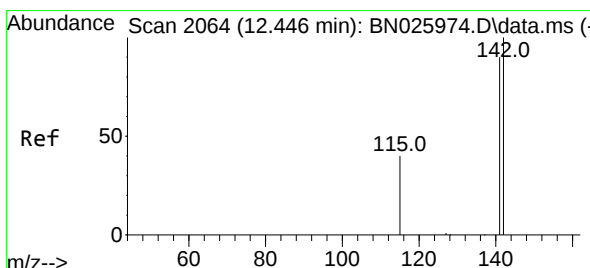
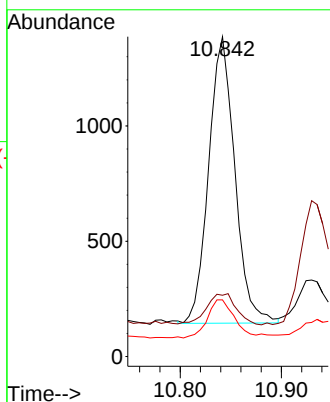
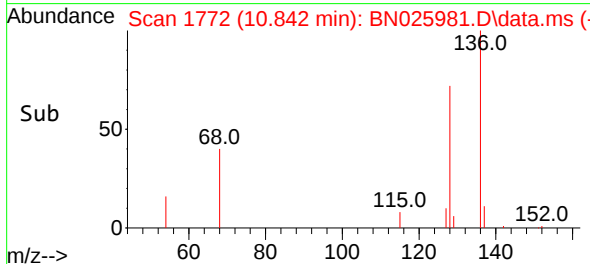
Instrument :
BNA_N
ClientSampleId :
DCFN8



Tgt Ion:128 Resp: 223
Ion Ratio Lower Upper
128 100
129 19.2 9.1 13.7
127 17.7 10.7 16.1

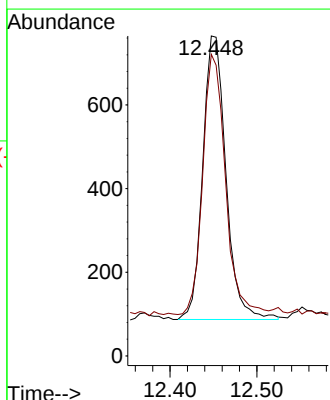
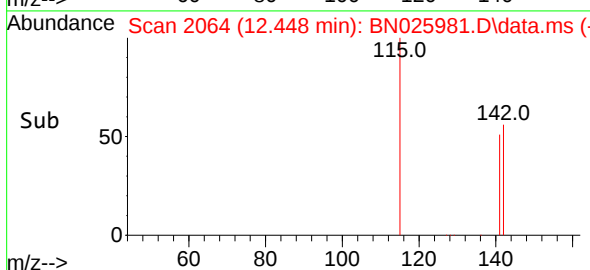
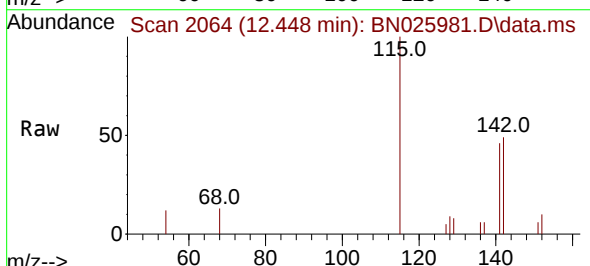
Manual Integrations
APPROVED

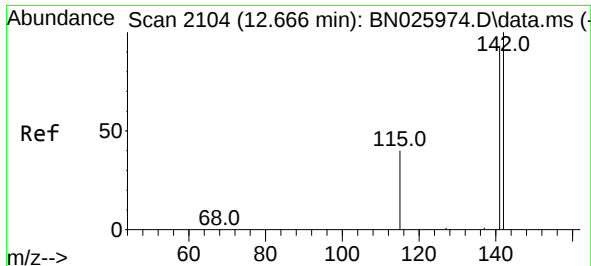
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.448 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

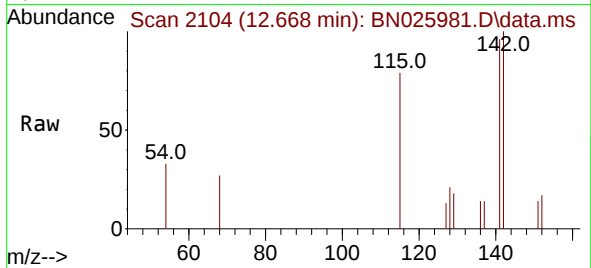
Tgt Ion:142 Resp: 1257
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.020 ng/uI
RT: 12.668 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

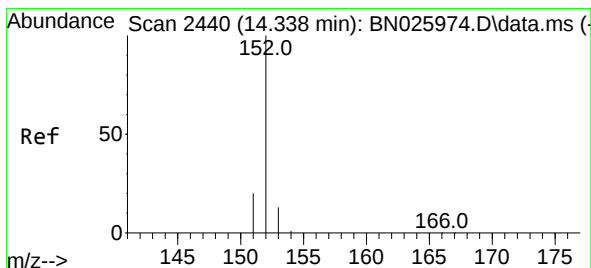
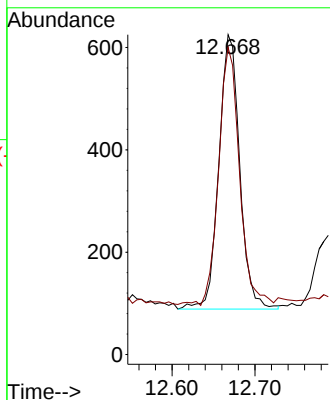
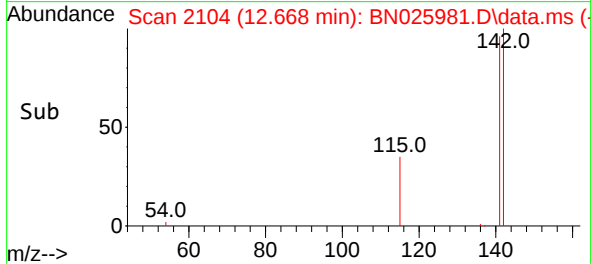
Instrument :
BNA_N
ClientSampleId :
DCFN8



Tgt Ion:142 Resp: 940
Ion Ratio Lower Upper
142 100
141 90.7 74.2 111.4

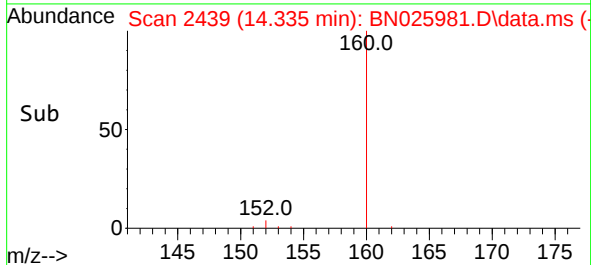
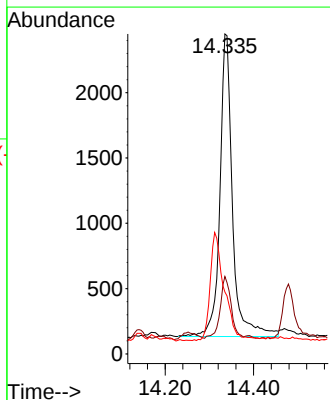
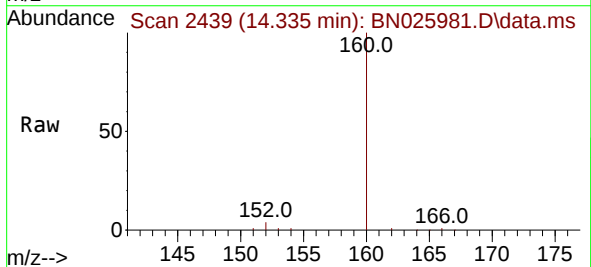
Manual Integrations
APPROVED

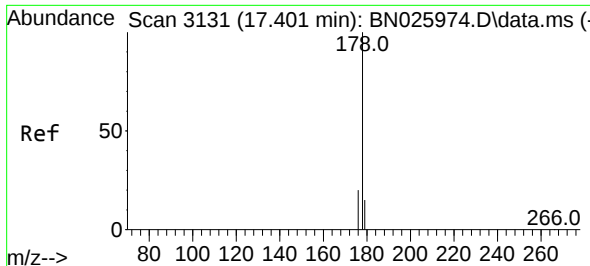
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.064 ng/uI
RT: 14.335 min Scan# 2439
Delta R.T. -0.008 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

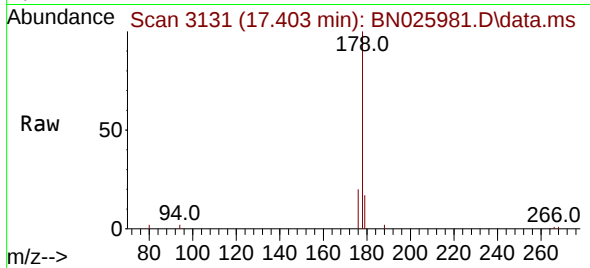
Tgt Ion:152 Resp: 4597
Ion Ratio Lower Upper
152 100
151 24.2 16.2 24.4
153 19.3 10.9 16.3#





#15
Phenanthrene
Concen: 0.193 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

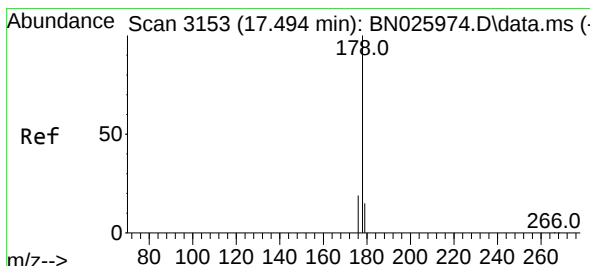
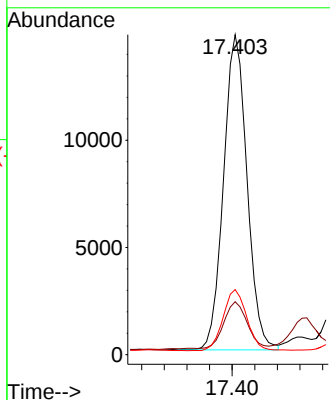
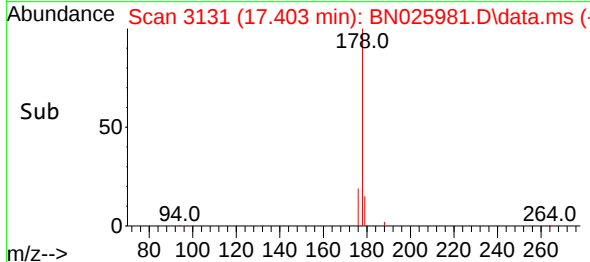
Instrument :
BNA_N
ClientSampleId :
DCFN8



Tgt Ion:178 Resp: 21200
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.4 15.8 23.6

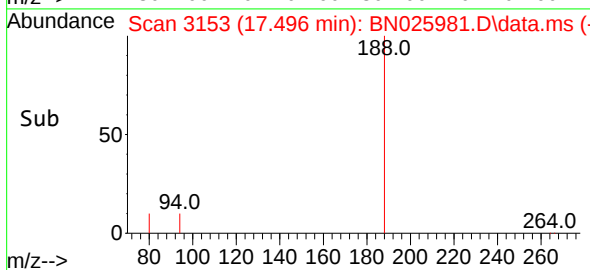
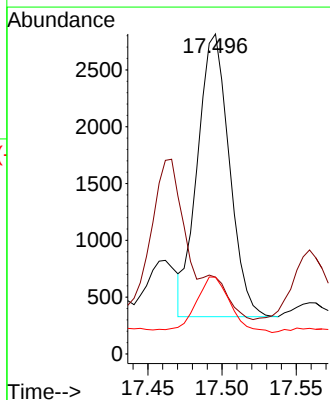
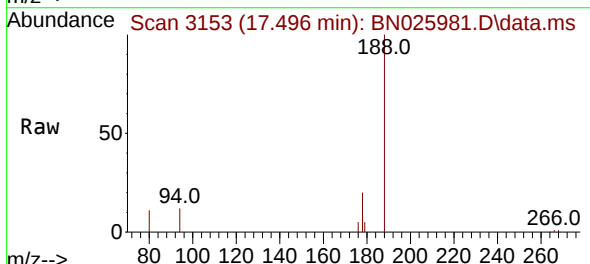
Manual Integrations
APPROVED

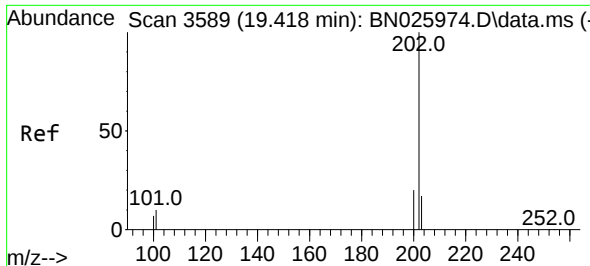
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.496 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

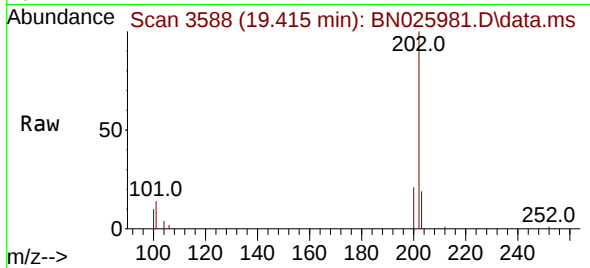
Tgt Ion:178 Resp: 3716
Ion Ratio Lower Upper
178 100
179 24.0 12.6 18.8#
176 24.0 15.1 22.7#





#19
Fluoranthene
Concen: 0.632 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

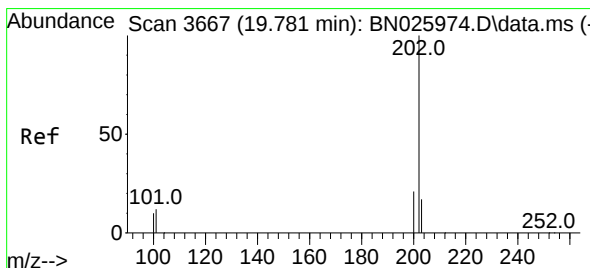
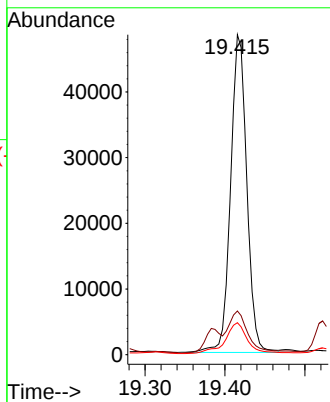
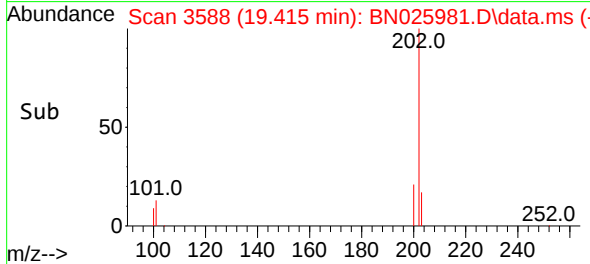
Instrument :
BNA_N
ClientSampleId :
DCFN8



Tgt Ion:202 Resp: 68128
Ion Ratio Lower Upper
202 100
101 13.7 9.5 14.3
100 10.0 7.3 10.9

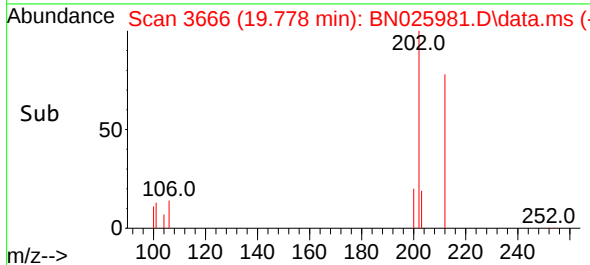
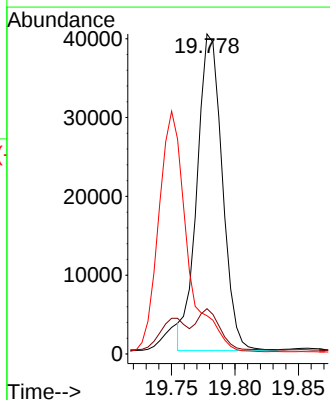
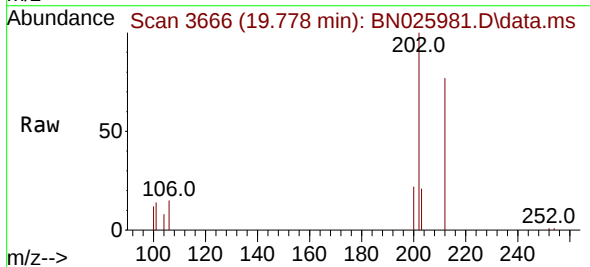
Manual Integrations
APPROVED

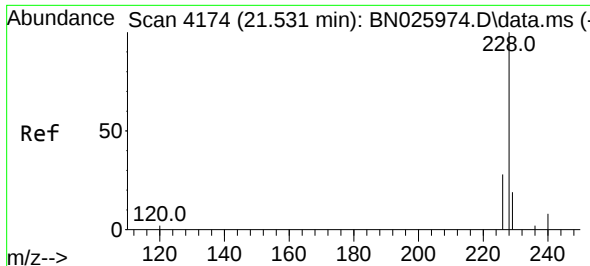
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 0.495 ng/ul m
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

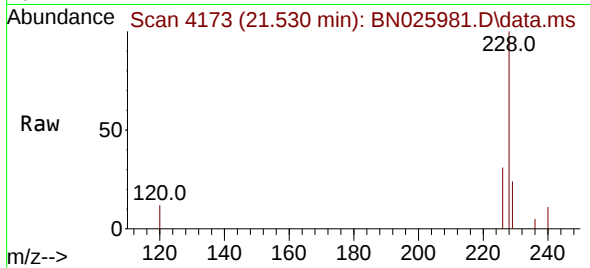
Tgt Ion:202 Resp: 55499
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. -0.002 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

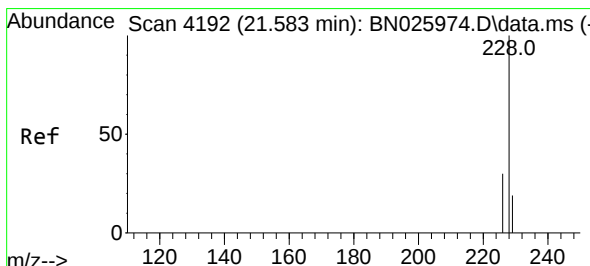
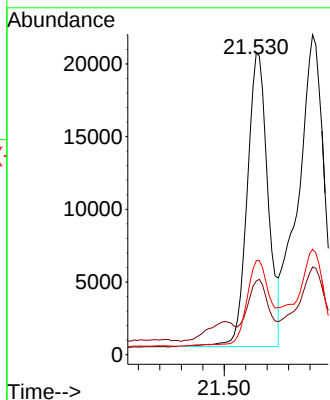
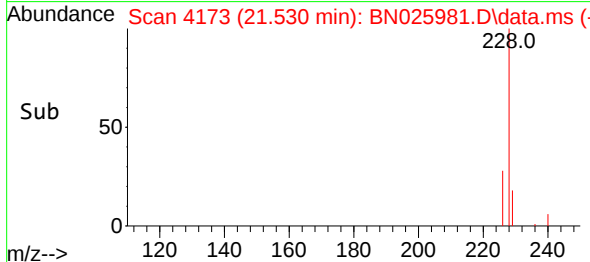
Instrument :
BNA_N
ClientSampleId :
DCFN8



Tgt Ion:228 Resp: 27180
Ion Ratio Lower Upper
228 100
229 24.4 15.8 23.6
226 31.2 22.5 33.7

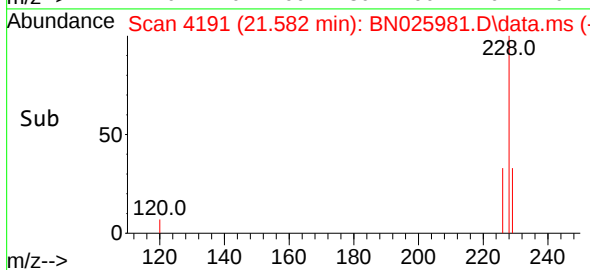
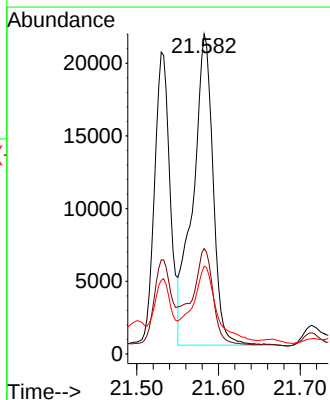
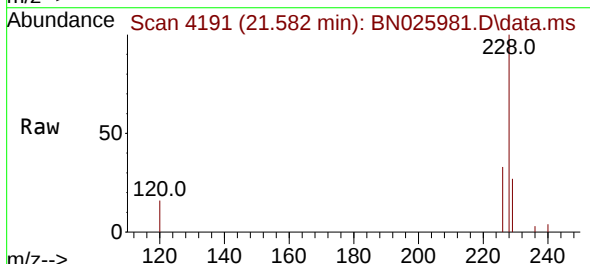
Manual Integrations
APPROVED

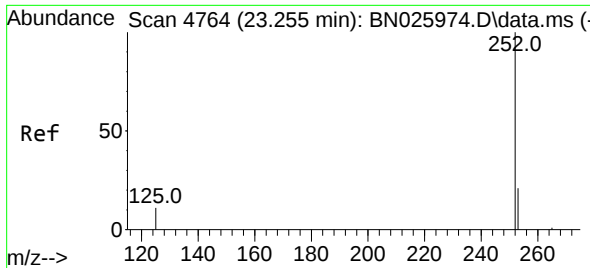
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

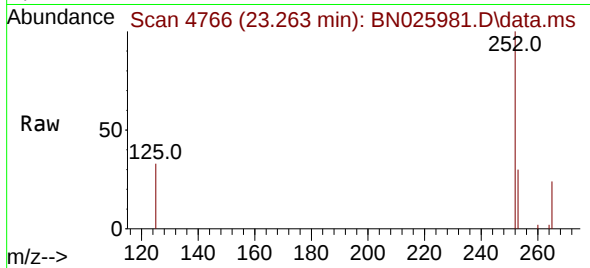
Tgt Ion:228 Resp: 36657
Ion Ratio Lower Upper
228 100
226 33.0 24.8 37.2
229 27.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.619 ng/ul m
RT: 23.263 min Scan# 4766
Delta R.T. 0.007 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

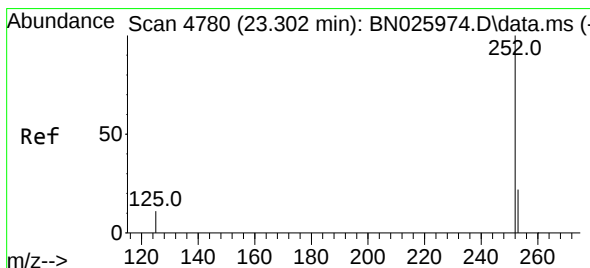
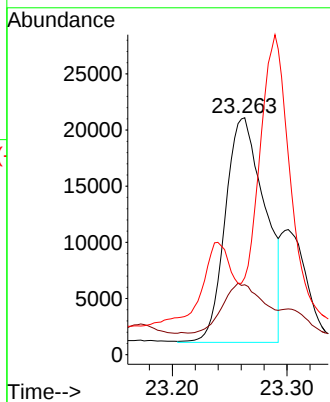
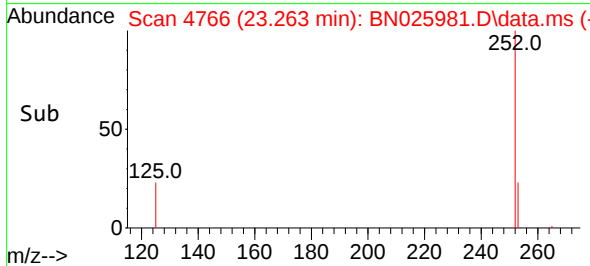
Instrument :
BNA_N
ClientSampleId :
DCFN8



Tgt Ion:252 Resp: 4786
Ion Ratio Lower Upper
252 100
253 29.5 0.0 55.6
125 32.5 0.0 35.8

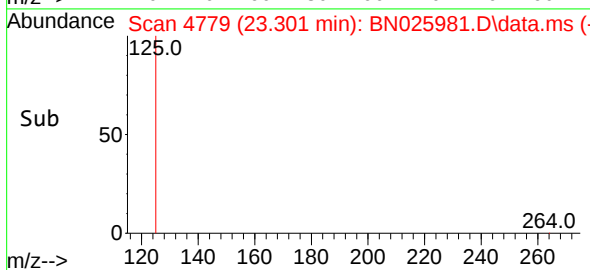
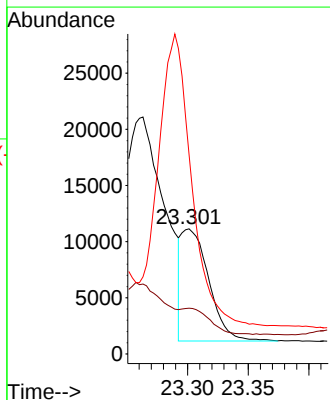
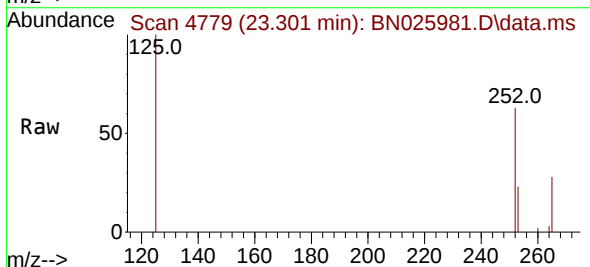
Manual Integrations
APPROVED

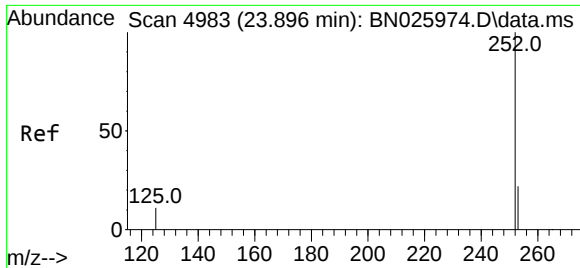
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul m
RT: 23.301 min Scan# 4779
Delta R.T. -0.008 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

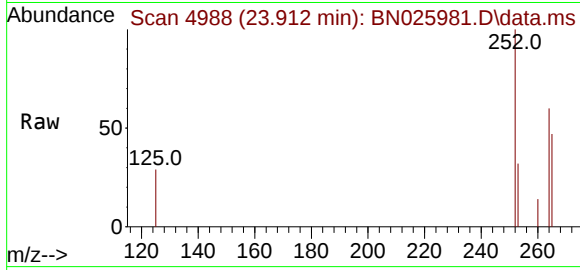
Tgt Ion:252 Resp: 15659
Ion Ratio Lower Upper
252 100
253 36.6 23.2 34.8#
125 159.2 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.912 min Scan# 4988
Delta R.T. 0.004 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

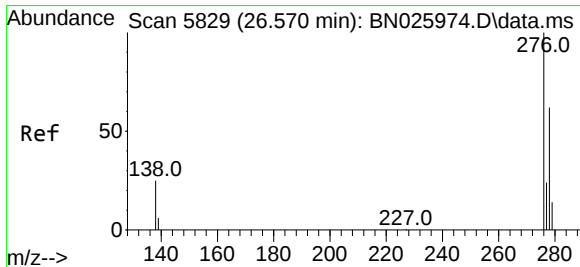
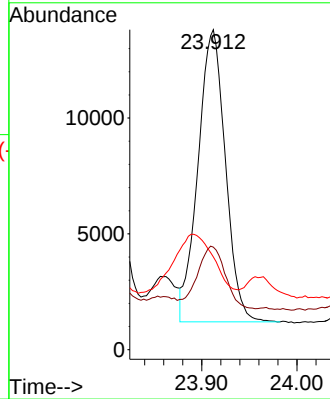
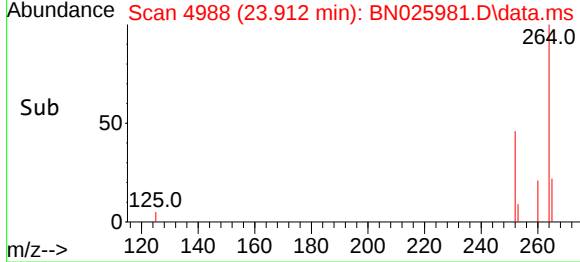
Instrument :
BNA_N
ClientSampleId :
DCFN8



Tgt Ion:252 Resp: 25194
Ion Ratio Lower Upper
252 100
253 32.1 26.0 39.0
125 29.0 17.3 25.9

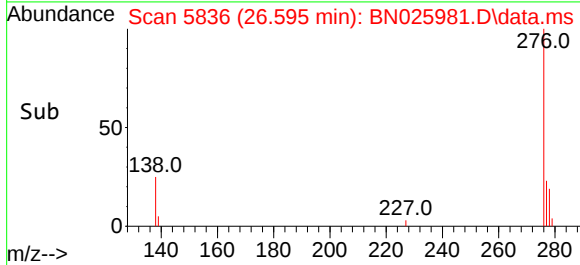
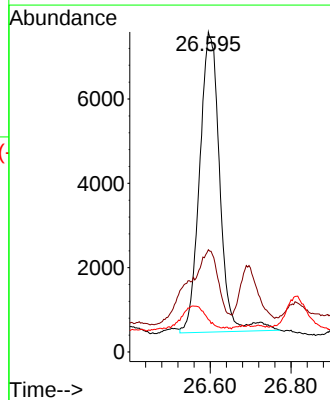
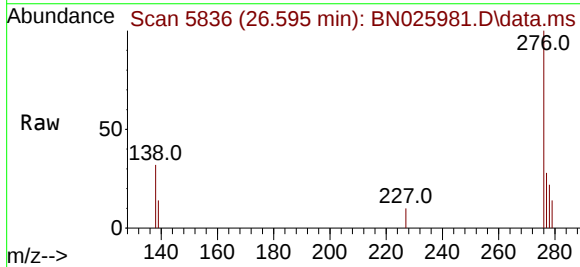
Manual Integrations
APPROVED

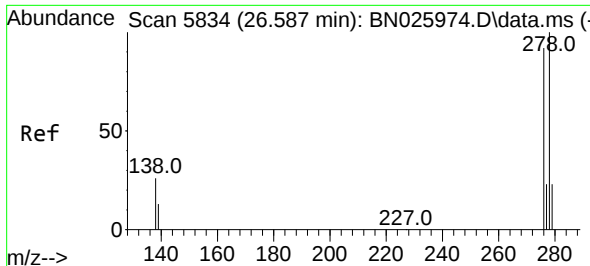
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 26.595 min Scan# 5836
Delta R.T. 0.001 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

Tgt Ion:276 Resp: 24618
Ion Ratio Lower Upper
276 100
138 37.8 24.5 36.7#
227 0.0 0.0 0.0





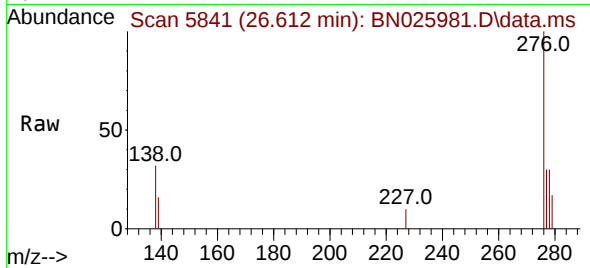
#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.612 min Scan# 5841
Delta R.T. -0.009 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16

Instrument :

BNA_N

ClientSampleId :

DCFN8

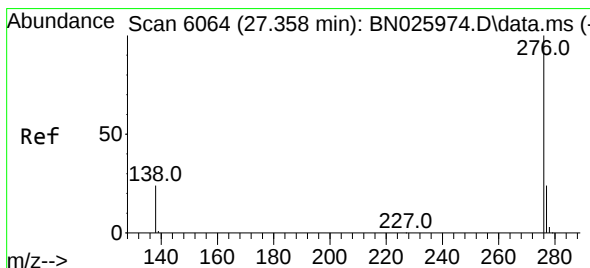
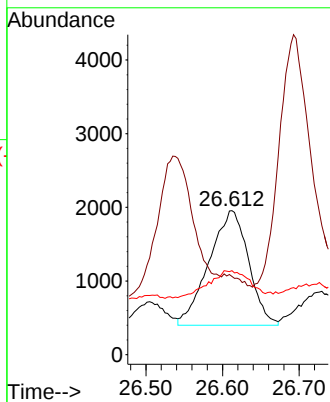
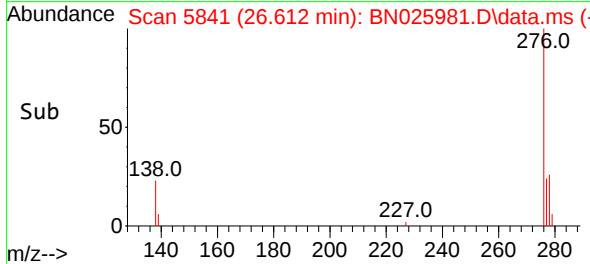


Tgt Ion:278 Resp: 5579
Ion Ratio Lower Upper
278 100
139 54.4 19.0 28.4
279 58.4 26.7 40.1

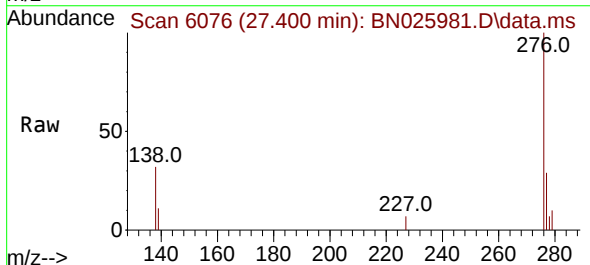
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.400 min Scan# 6076
Delta R.T. 0.014 min
Lab File: BN025981.D
Acq: 23 Jun 2023 23:16



Tgt Ion:276 Resp: 24182
Ion Ratio Lower Upper
276 100
138 32.4 23.4 35.0
277 28.6 20.0 30.0

