

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034761.D
 Acq On : 31 Oct 2024 11:45
 Operator : RC/JU
 Sample : P4476-07DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA106DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 12:15:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	7613	0.400	ng/ul	0.00
4) Naphthalene-d8	10.367	136	22571	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	12085	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	24735	0.400	ng/ul	0.00
17) Chrysene-d12	21.178	240	14842	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	11910	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	1223	0.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	2455	0.087	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	4892	0.101	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.416	128	91027	1.523	ng/ul	99
10) Acenaphthylene	13.954	152	35228	0.640	ng/ul	99
11) Acenaphthene	14.300	153	103703	2.464	ng/ul	99
12) Fluorene	15.291	166	35349	0.754	ng/ul	99
15) Phenanthrene	17.021	178	29866	0.399	ng/ul	100
16) Anthracene	17.114	178	32062	0.463	ng/ul	99
19) Fluoranthene	19.042	202	72277	1.004	ng/ul	98
20) Pyrene	19.409	202	58247	0.777	ng/ul	99
21) Benzo(a)anthracene	21.163	228	21923	0.369	ng/ul	99
22) Chrysene	21.213	228	29492	0.496	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	13518	0.279	ng/ul	95
25) Benzo(k)fluoranthene	22.753	252	10690m	0.219	ng/ul	
26) Benzo(a)pyrene	23.264	252	19453	0.466	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.537	276	22026	0.496	ng/ul	95
28) Dibenzo(a,h)anthracene	25.554	278	22375	0.666	ng/ul	99
29) Benzo(g,h,i)perylene	26.194	276	36513	1.046	ng/ul	98

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

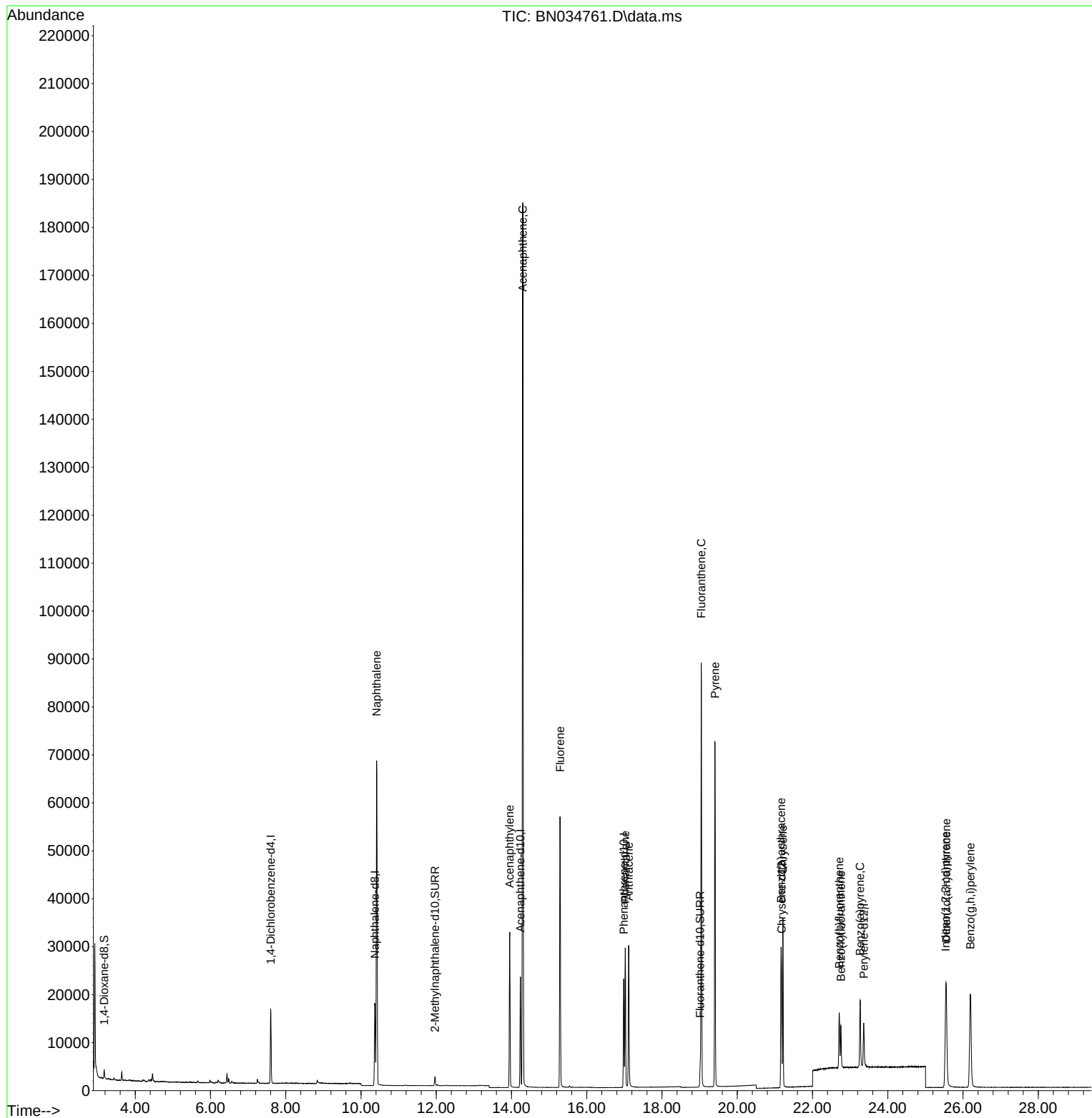
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034761.D
Acq On : 31 Oct 2024 11:45
Operator : RC/JU
Sample : P4476-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

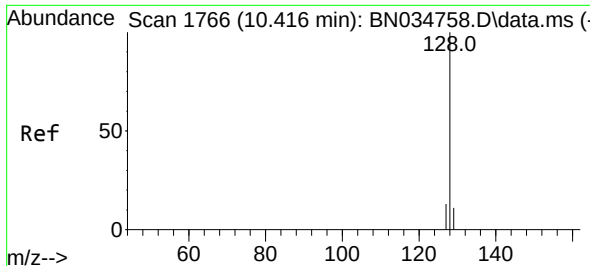
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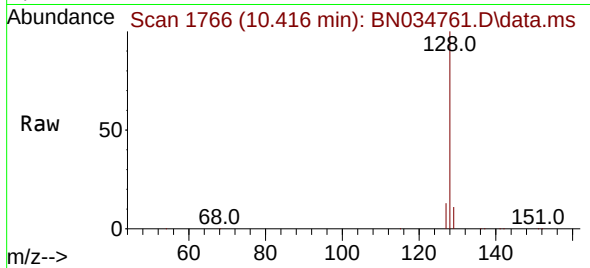
Quant Time: Oct 31 12:15:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
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#5
Naphthalene
Concen: 1.523 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

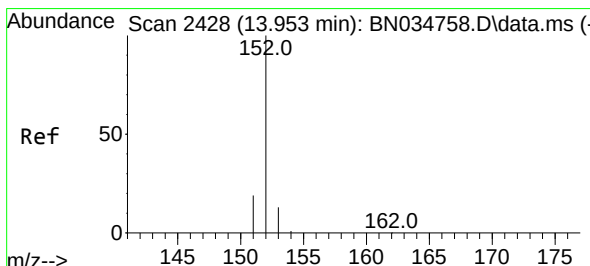
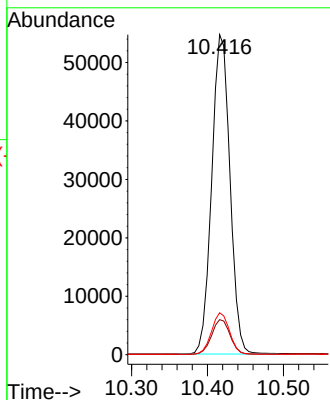
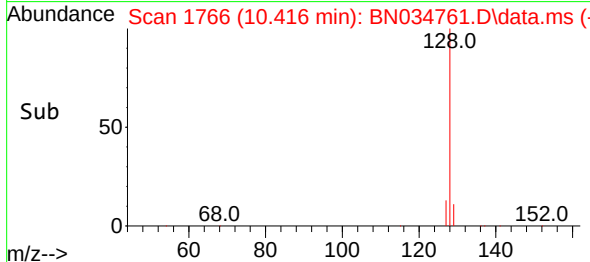
Instrument :
BNA_N
ClientSampleId :
XA106DL



Tgt Ion:128 Resp: 9102
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.1 10.5 15.7

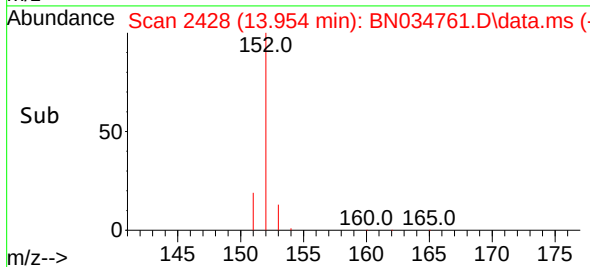
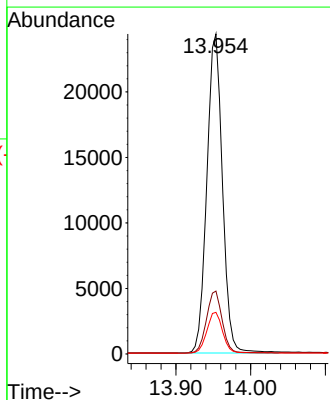
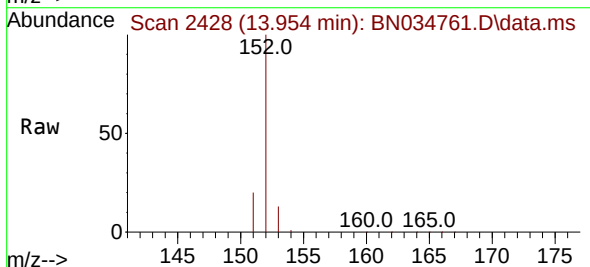
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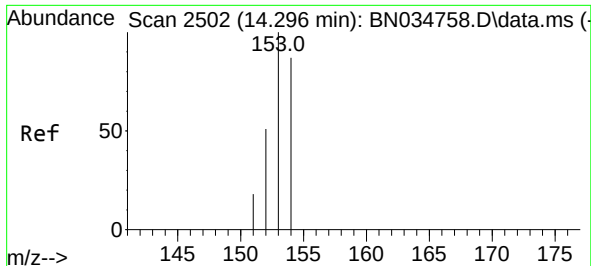
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#10
Acenaphthylene
Concen: 0.640 ng/ul
RT: 13.954 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

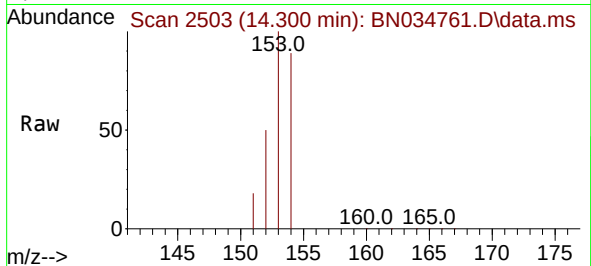
Tgt Ion:152 Resp: 35228
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.0 10.7 16.1





#11
Acenaphthene
Concen: 2.464 ng/ul
RT: 14.300 min Scan# 2503
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

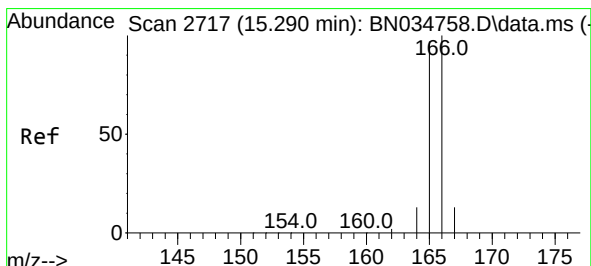
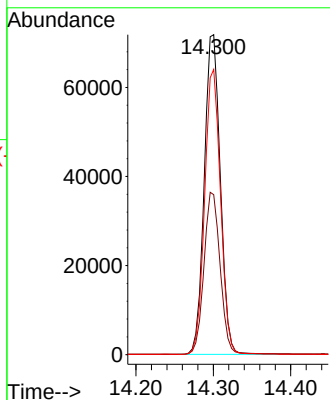
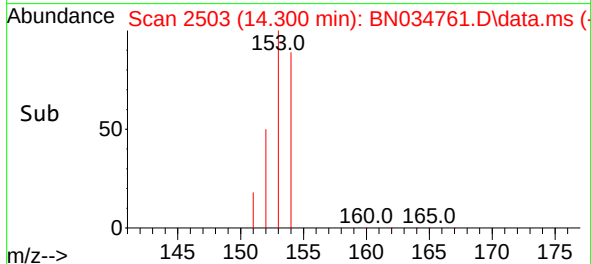
Instrument :
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Tgt Ion:153 Resp: 10370
Ion Ratio Lower Upper
153 100
152 50.0 40.3 60.5
154 89.2 69.9 104.9

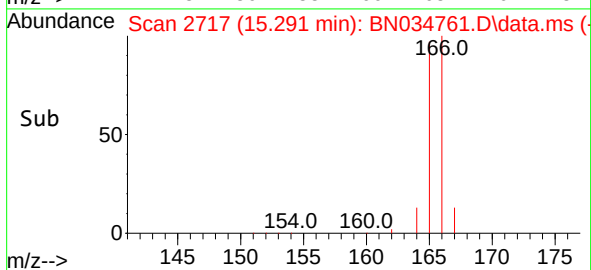
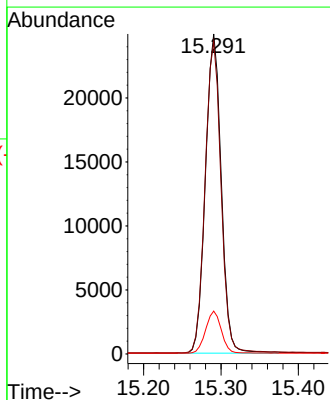
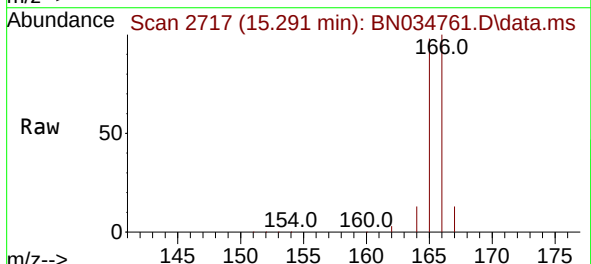
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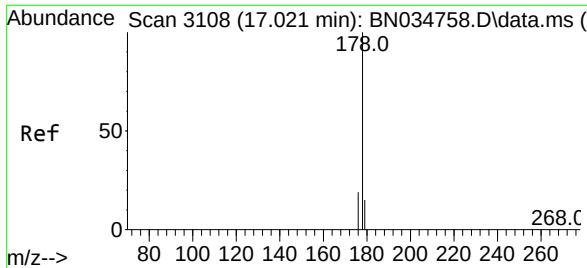
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#12
Fluorene
Concen: 0.754 ng/ul
RT: 15.291 min Scan# 2717
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

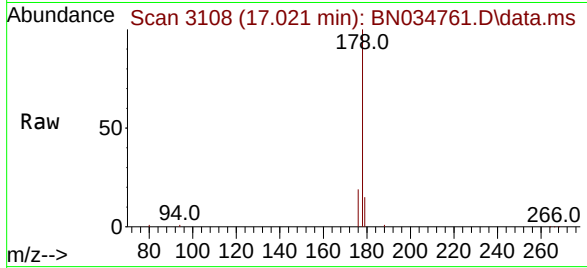
Tgt Ion:166 Resp: 35349
Ion Ratio Lower Upper
166 100
165 97.6 79.1 118.7
167 13.4 11.0 16.4





#15
Phenanthrene
Concen: 0.399 ng/u1
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

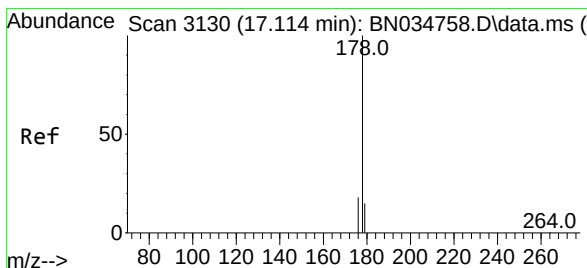
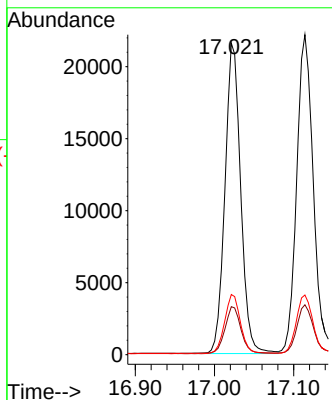
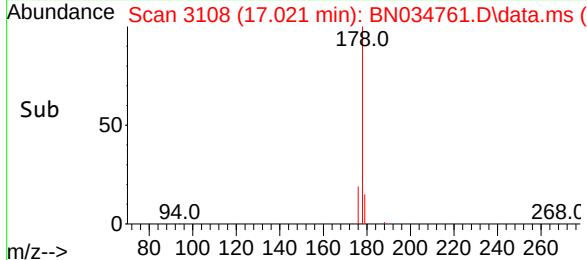
Instrument :
BNA_N
ClientSampleId :
XA106DL



Tgt Ion:178 Resp: 29860
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.3 15.4 23.0

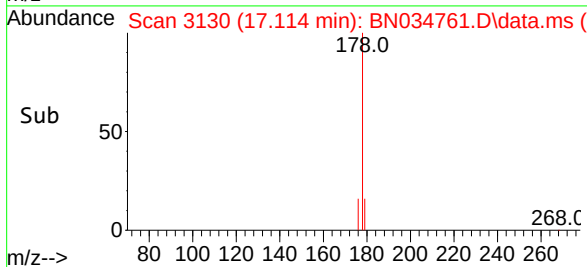
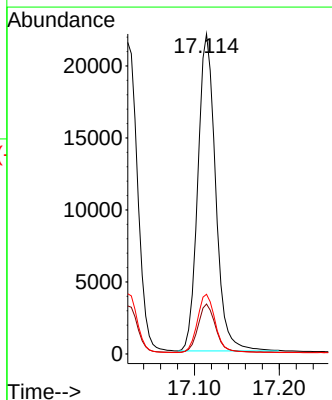
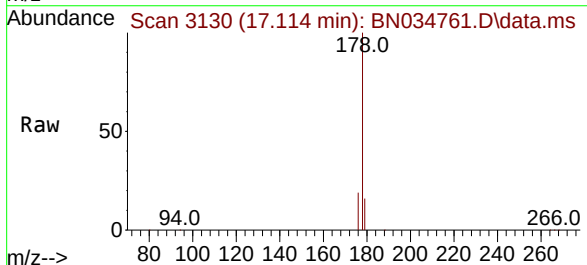
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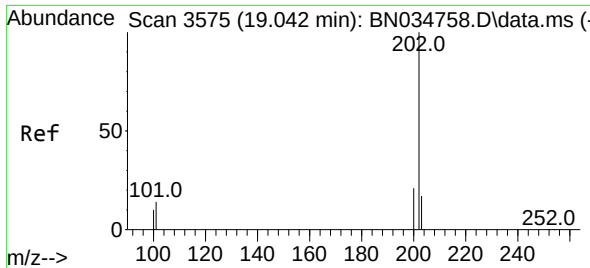
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#16
Anthracene
Concen: 0.463 ng/u1
RT: 17.114 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

Tgt Ion:178 Resp: 32062
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 18.7 15.1 22.7





#19

Fluoranthene

Concen: 1.004 ng/ul

RT: 19.042 min Scan# 3575

Delta R.T. -0.005 min

Lab File: BN034761.D

Acq: 31 Oct 2024 11:45

Instrument :

BNA_N

ClientSampleId :

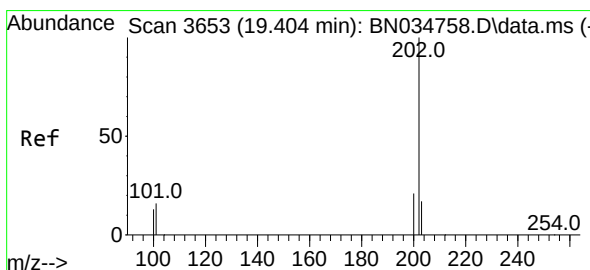
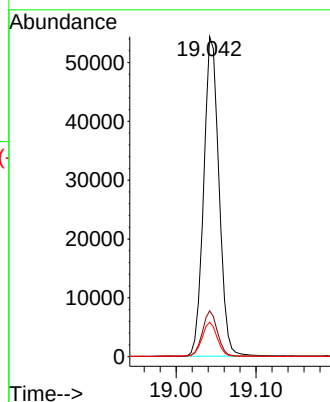
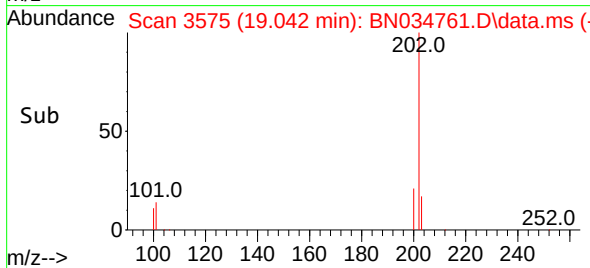
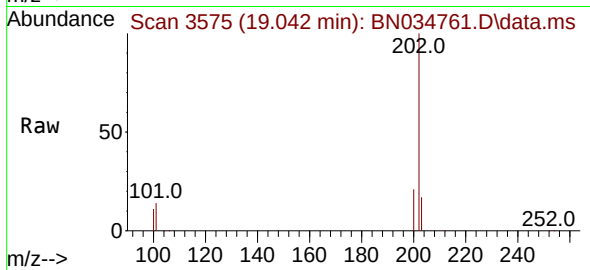
XA106DL

Tgt Ion:202	Resp:	7227
Ion Ratio	Lower	Upper
202	100	
101	14.3	10.8 16.2
100	10.8	8.2 12.2

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Supervised By :mohammad ahmed 11/05/2024



#20

Pyrene

Concen: 0.777 ng/ul

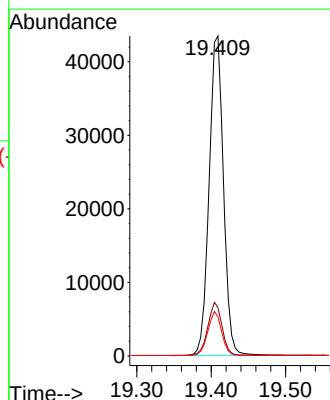
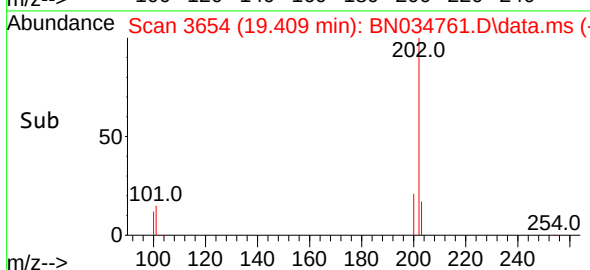
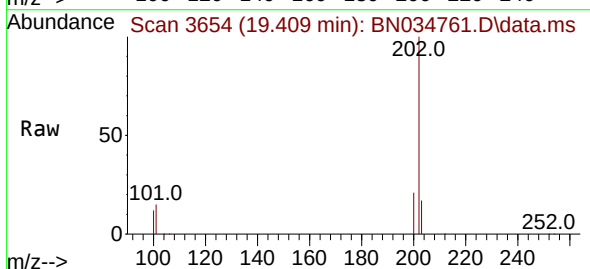
RT: 19.409 min Scan# 3654

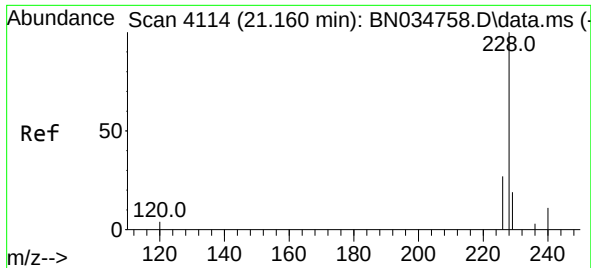
Delta R.T. 0.000 min

Lab File: BN034761.D

Acq: 31 Oct 2024 11:45

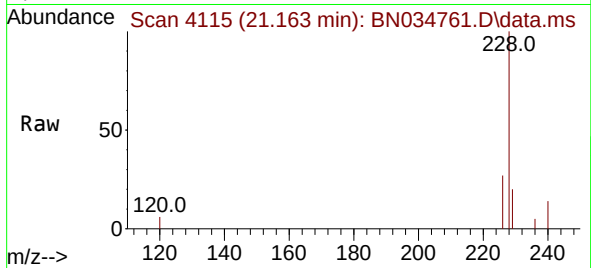
Tgt Ion:202	Resp:	58247
Ion Ratio	Lower	Upper
202	100	
101	15.1	12.4 18.6
100	12.2	10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.163 min Scan# 4114
Delta R.T. 0.003 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

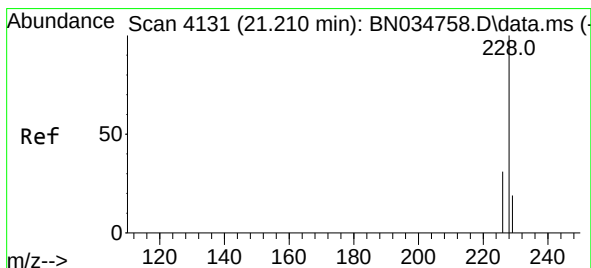
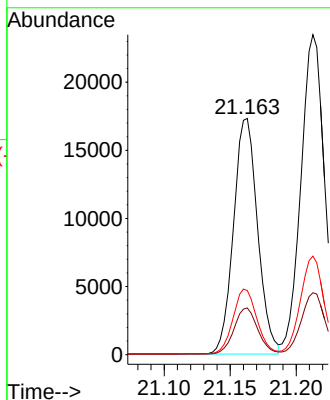
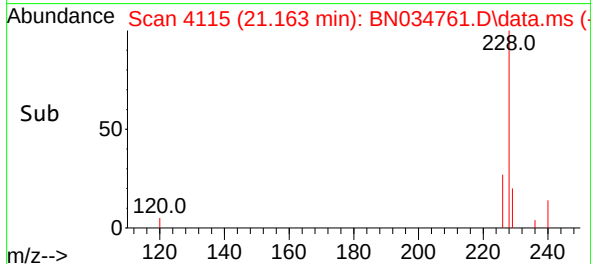
Instrument :
BNA_N
ClientSampleId :
XA106DL



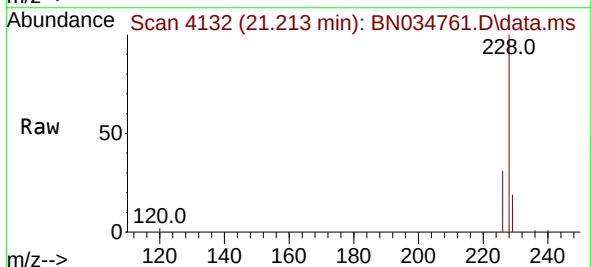
Tgt Ion:228 Resp: 2192
Ion Ratio Lower Upper
228 100
229 19.8 15.5 23.3
226 27.2 22.1 33.1

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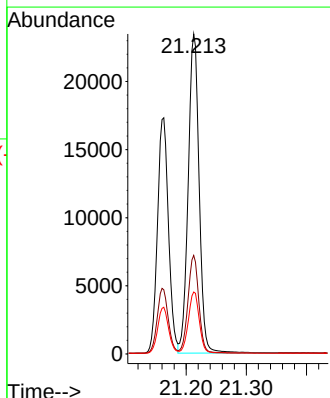
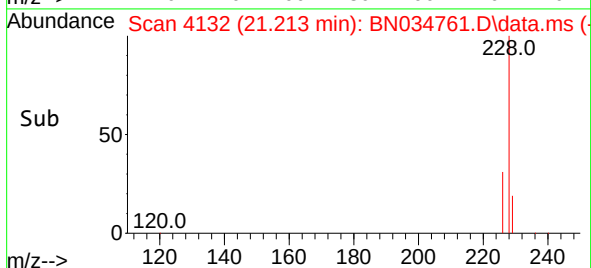
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Supervised By :mohammad ahmed 11/05/2024

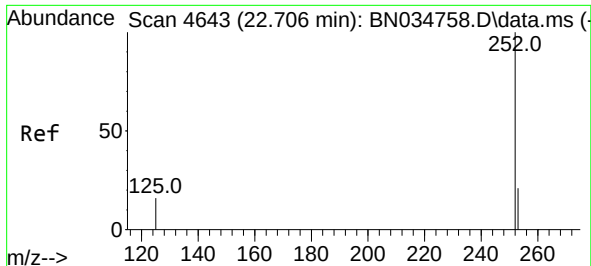


#22
Chrysene
Concen: 0.496 ng/ul
RT: 21.213 min Scan# 4132
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45



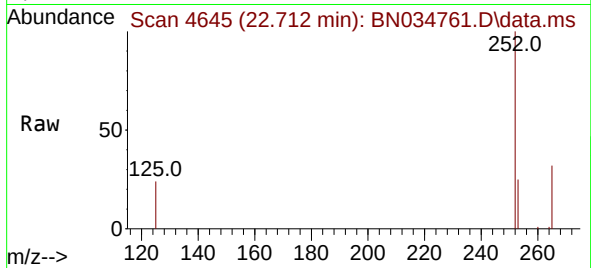
Tgt Ion:228 Resp: 29492
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.3 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.279 ng/ul
RT: 22.712 min Scan# 4645
Delta R.T. 0.003 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

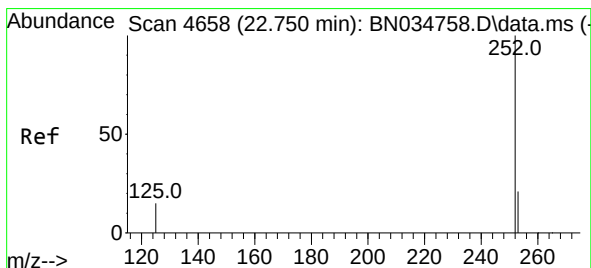
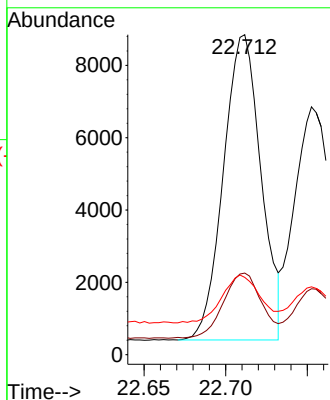
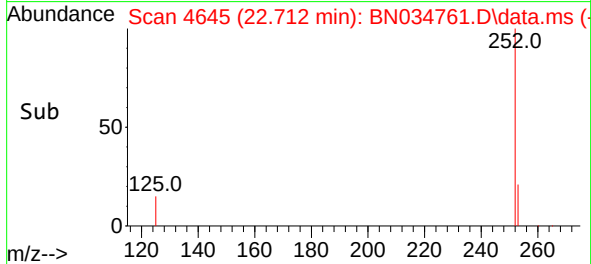
Instrument :
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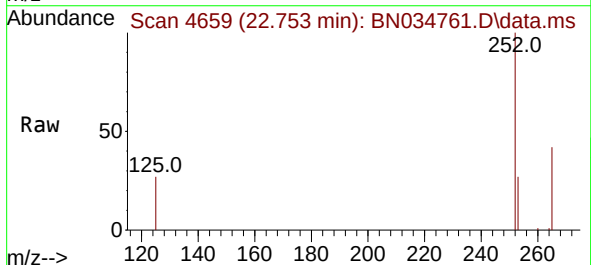
Tgt Ion:252 Resp: 13518
Ion Ratio Lower Upper
252 100
253 25.5 0.0 47.6
125 24.2 0.0 41.4

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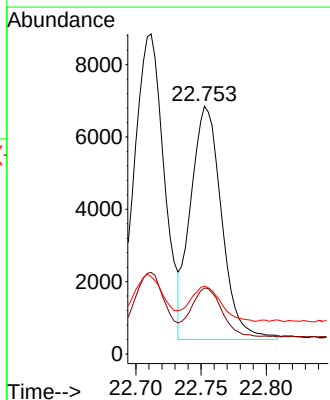
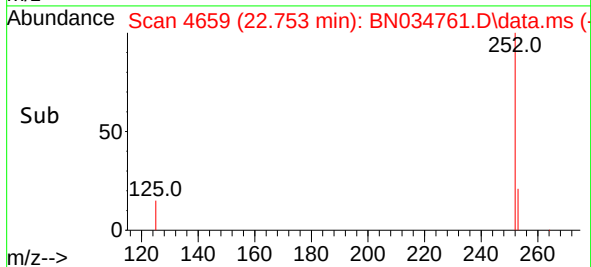
Reviewed By :Yogesh Patel 11/04/2024
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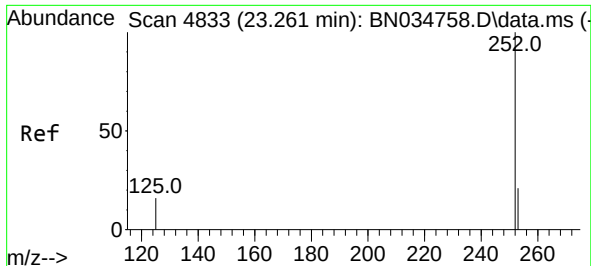


#25
Benzo(k)fluoranthene
Concen: 0.219 ng/ul m
RT: 22.753 min Scan# 4659
Delta R.T. 0.003 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45



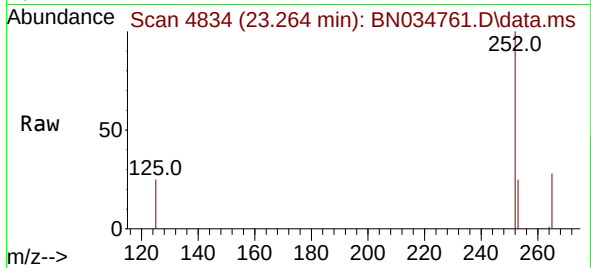
Tgt Ion:252 Resp: 10690
Ion Ratio Lower Upper
252 100
253 26.6 19.1 28.7
125 27.4 17.0 25.4





#26
Benzo(a)pyrene
Concen: 0.466 ng/ul
RT: 23.264 min Scan# 4833
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

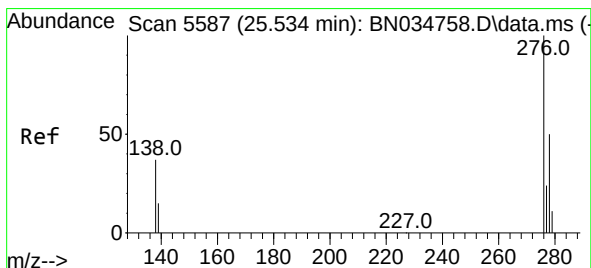
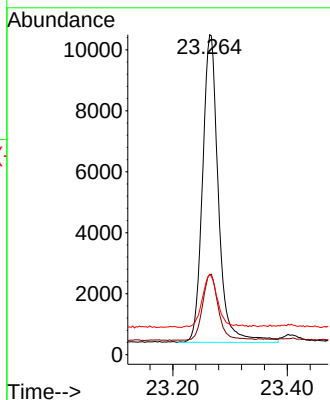
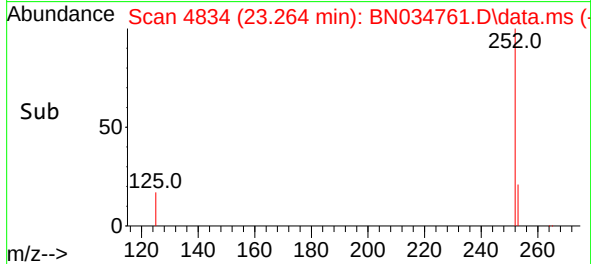
Instrument :
BNA_N
ClientSampleId :
XA106DL



Tgt Ion:252 Resp: 1945
Ion Ratio Lower Upper
252 100
253 25.1 20.0 30.0
125 25.1 19.8 29.6

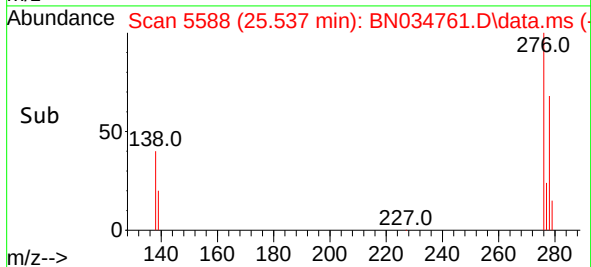
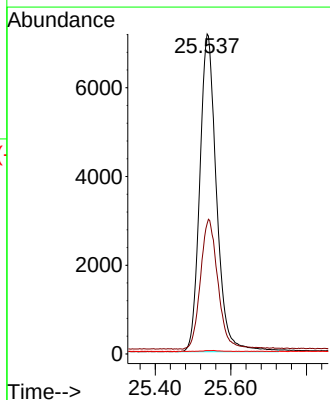
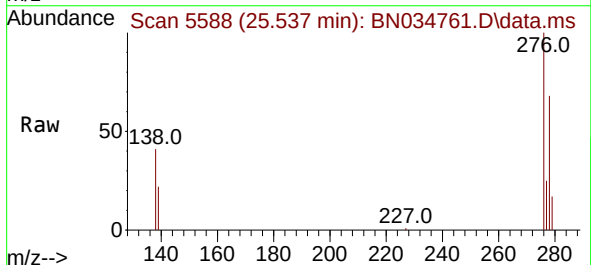
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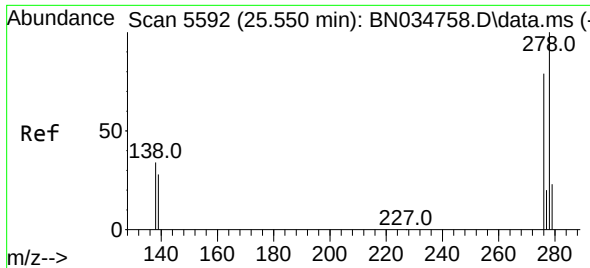
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.496 ng/ul
RT: 25.537 min Scan# 5588
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

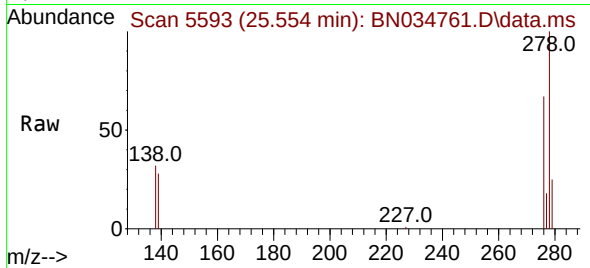
Tgt Ion:276 Resp: 22026
Ion Ratio Lower Upper
276 100
138 42.8 31.8 47.6
227 0.3 0.2 0.4





#28
Dibenzo(a,h)anthracene
Concen: 0.666 ng/ul
RT: 25.554 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

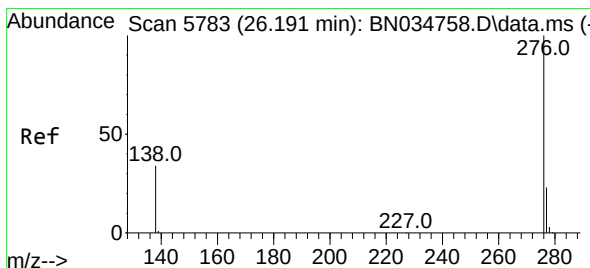
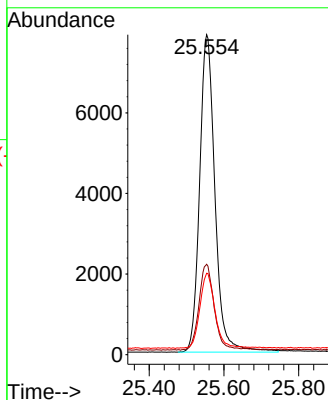
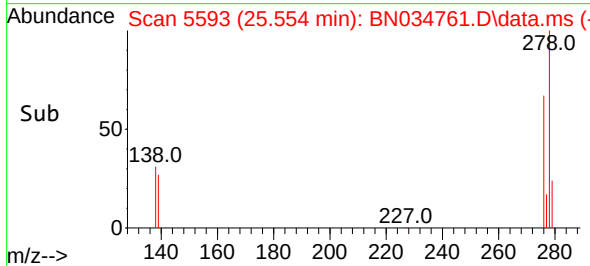
Instrument :
BNA_N
ClientSampleId :
XA106DL



Tgt Ion:278 Resp: 22375
Ion Ratio Lower Upper
278 100
139 28.2 23.4 35.2
279 25.5 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#29
Benzo(g,h,i)perylene
Concen: 1.046 ng/ul
RT: 26.194 min Scan# 5784
Delta R.T. 0.000 min
Lab File: BN034761.D
Acq: 31 Oct 2024 11:45

Tgt Ion:276 Resp: 36513
Ion Ratio Lower Upper
276 100
138 35.0 28.8 43.2
277 24.2 20.2 30.2

