

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032958.D
 Acq On : 24 Jul 2024 21:25
 Operator : MA/JU
 Sample : P3215-20DL 5X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 25 00:49:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	3483	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.298	136	11745	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.173	164	6134	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	9987	0.400	ng/ul	-0.02
17) Chrysene-d12	21.155	240	8887	0.400	ng/ul	-0.01
23) Perylene-d12	23.347	264	11357	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	2407	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	612	0.034	ng/ul	-0.01
18) Fluoranthene-d10	18.979	212	1093	0.038	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	994	0.032	ng/ul#	65
10) Acenaphthylene	13.896	152	1735	0.070	ng/ul#	84
11) Acenaphthene	14.238	153	917	0.045	ng/ul	98
12) Fluorene	15.242	166	1326	0.057	ng/ul#	96
15) Phenanthrene	16.977	178	31186	1.147	ng/ul	99
16) Anthracene	17.074	178	5910	0.266	ng/ul#	92
19) Fluoranthene	19.007	202	55692	1.541	ng/ul	100
20) Pyrene	19.374	202	37968	1.015	ng/ul	100
21) Benzo(a)anthracene	21.140	228	25460	0.900	ng/ul	97
22) Chrysene	21.193	228	23558	0.576	ng/ul	96
24) Benzo(b)fluoranthene	22.692	252	33683m	0.841	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	13023m	0.267	ng/ul	
26) Benzo(a)pyrene	23.250	252	12966	0.374	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.558	276	12579	0.268	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.551	278	4209	0.116	ng/ul#	46
29) Benzo(g,h,i)perylene	26.245	276	1868	0.048	ng/ul#	23

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

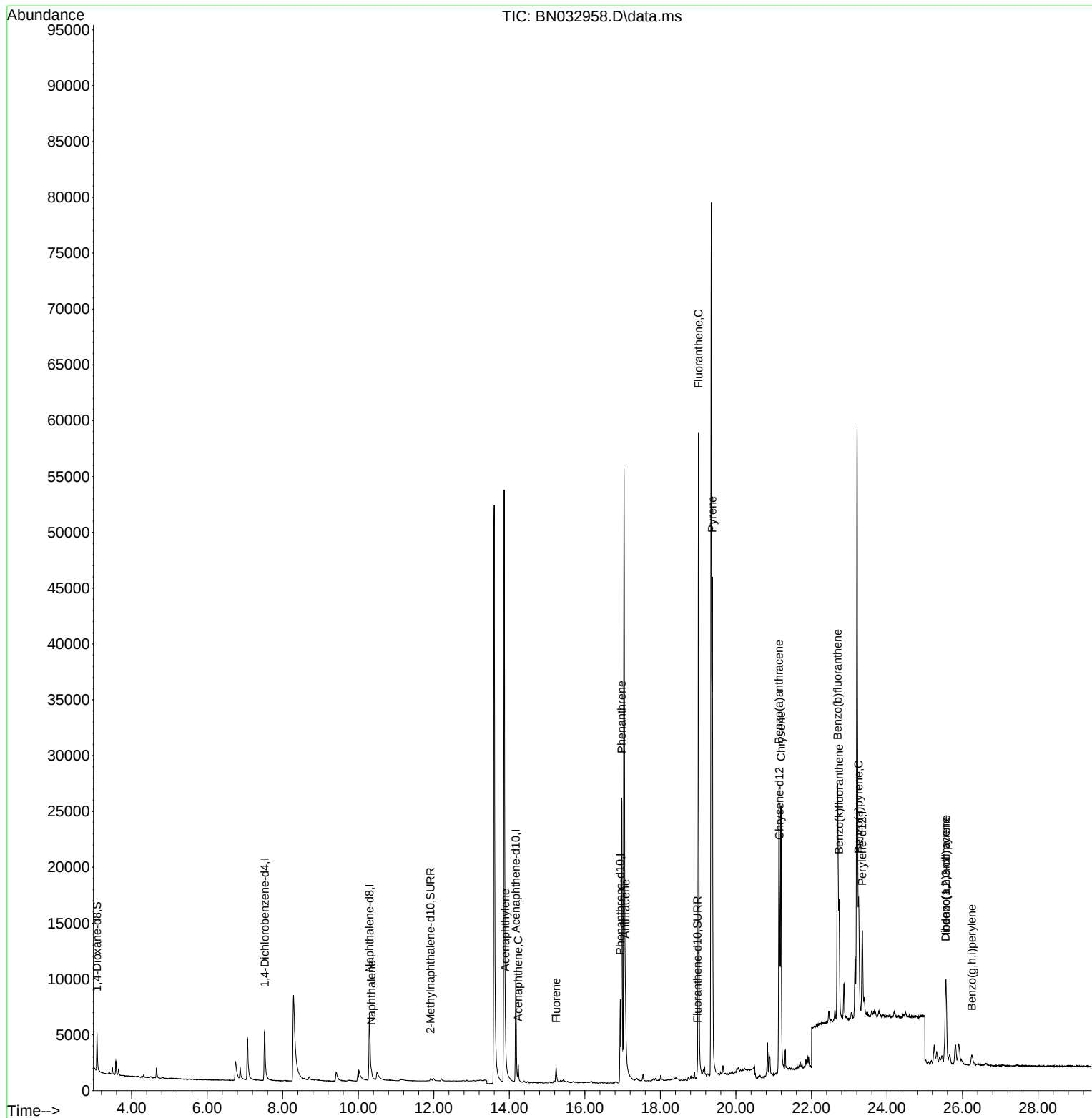
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032958.D
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Operator : MA/JU
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ALS Vial : 70 Sample Multiplier: 1

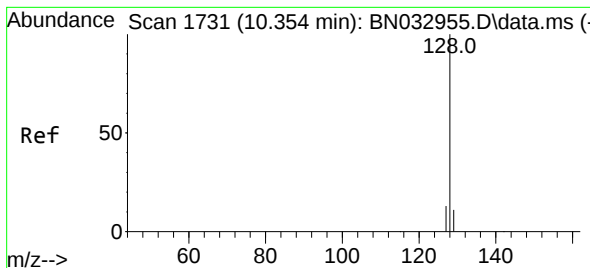
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Quant Time: Jul 25 00:49:21 2024
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QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.032 ng/u1

RT: 10.348 min Scan# 1730

Delta R.T. -0.016 min

Lab File: BN032958.D

Acq: 24 Jul 2024 21:25

Instrument :

BNA_N

ClientSampleId :

A4CJ5DL

Tgt Ion:128 Resp: 994

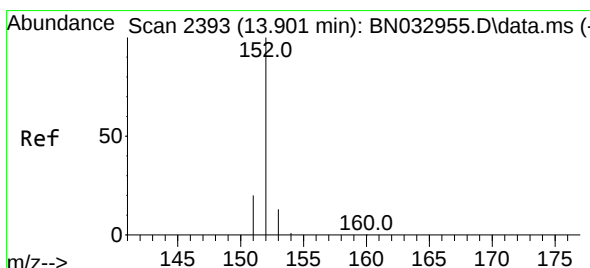
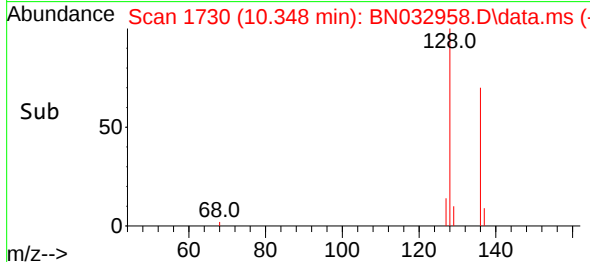
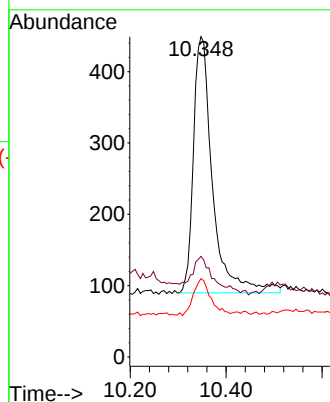
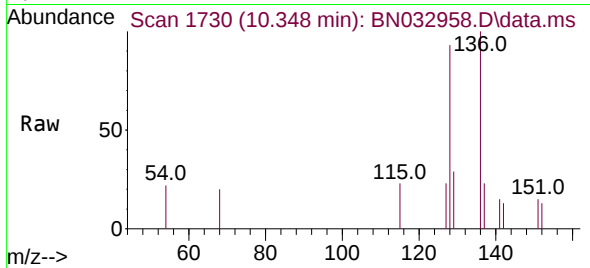
Ion	Ratio	Lower	Upper
128	100		
129	31.4	10.0	15.0#
127	24.5	11.6	17.4#

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Supervised By :mohammad ahmed 07/26/2024



#10

Acenaphthylene

Concen: 0.070 ng/u1

RT: 13.896 min Scan# 2392

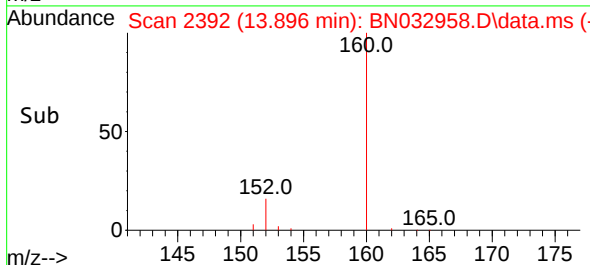
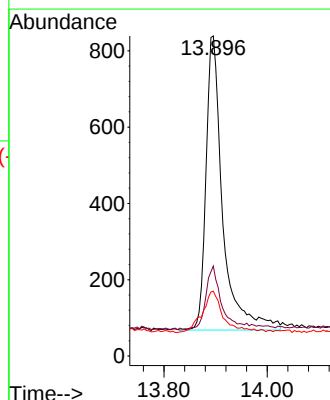
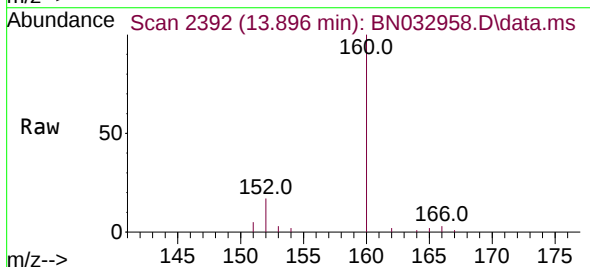
Delta R.T. -0.018 min

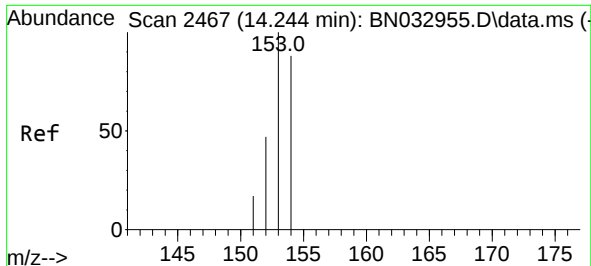
Lab File: BN032958.D

Acq: 24 Jul 2024 21:25

Tgt Ion:152 Resp: 1735

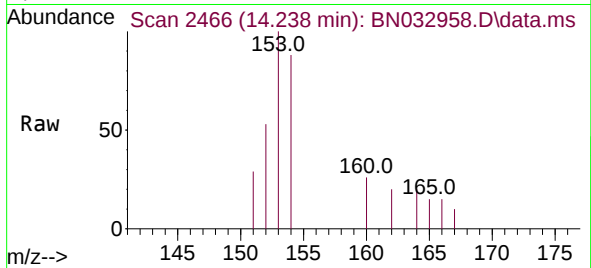
Ion	Ratio	Lower	Upper
152	100		
151	28.1	16.3	24.5#
153	20.3	11.3	16.9#





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

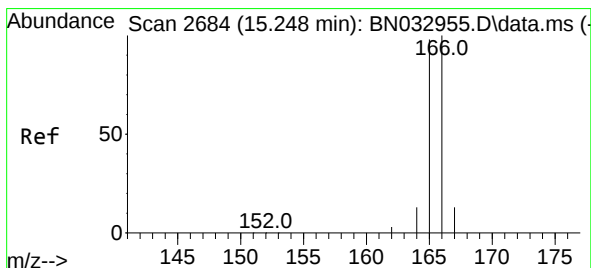
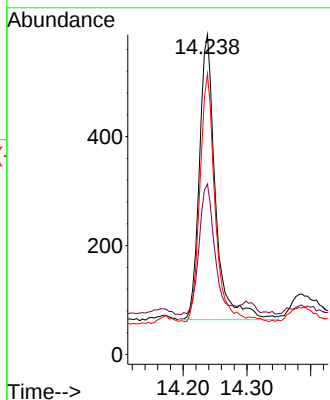
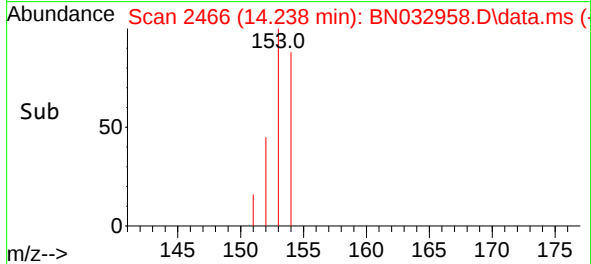
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BNA_N
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A4CJ5DL



Tgt Ion:153 Resp: 917
Ion Ratio Lower Upper
153 100
152 53.3 40.0 60.0
154 87.7 70.2 105.4

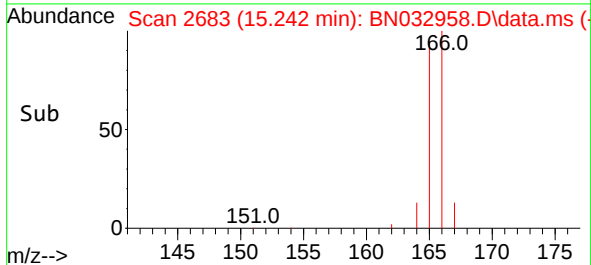
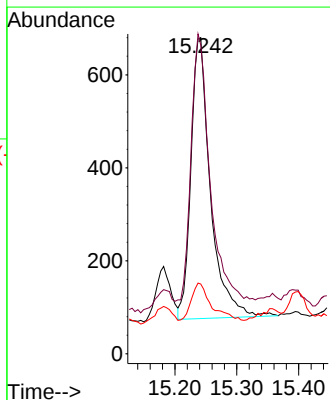
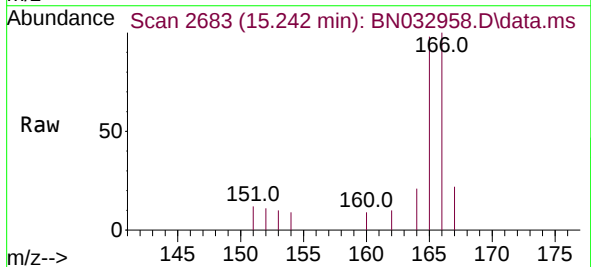
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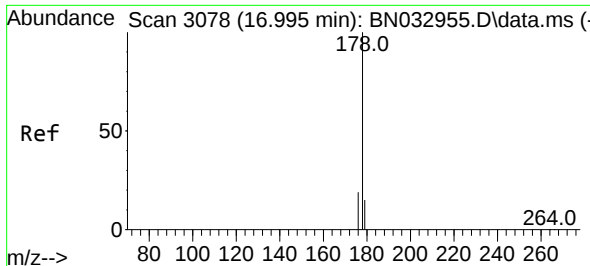
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.242 min Scan# 2683
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

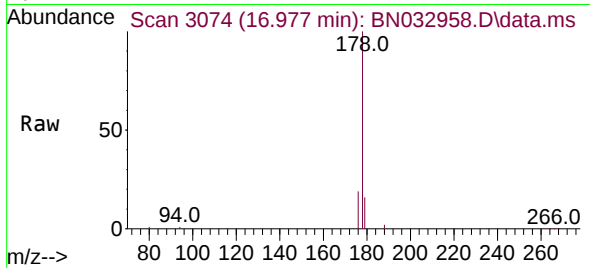
Tgt Ion:166 Resp: 1326
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 22.1 11.4 17.2#





#15
Phenanthrene
Concen: 1.147 ng/ul
RT: 16.977 min Scan# 3074
Delta R.T. -0.025 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

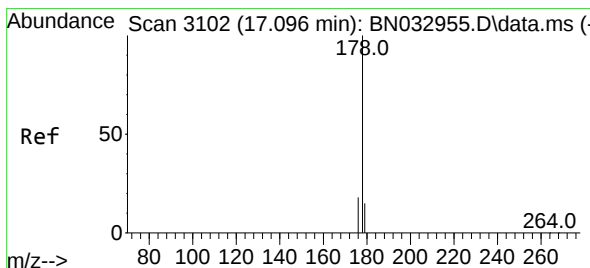
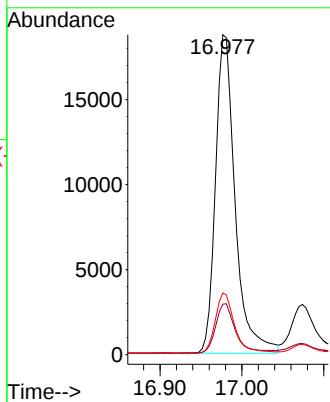
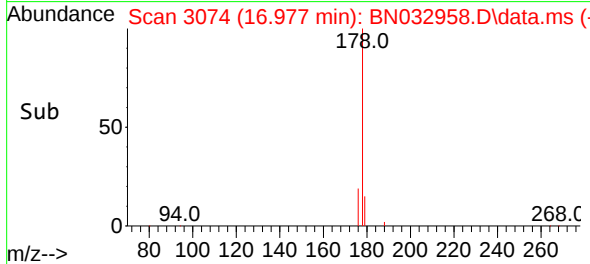
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



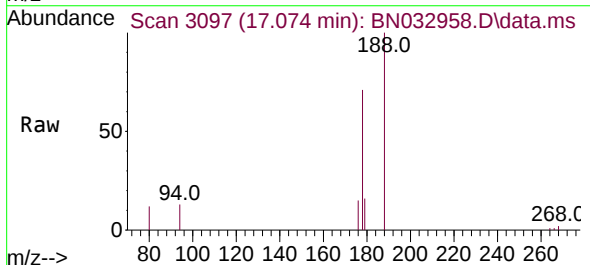
Tgt Ion:178 Resp: 3118
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.3 15.6 23.4

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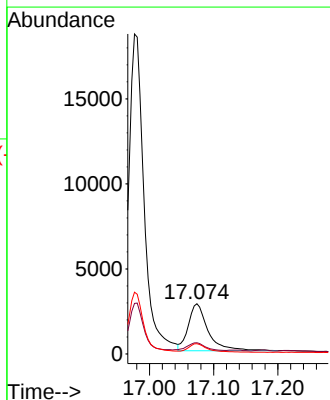
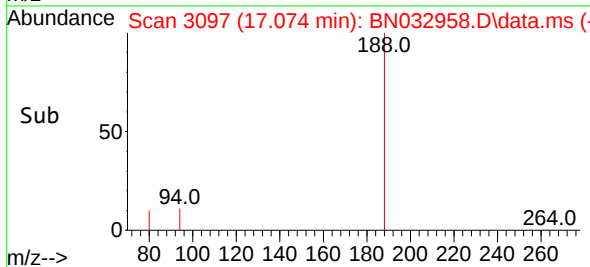
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

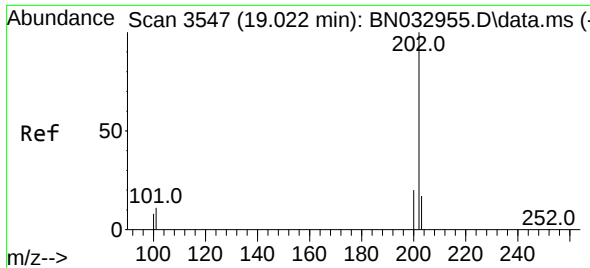


#16
Anthracene
Concen: 0.266 ng/ul
RT: 17.074 min Scan# 3097
Delta R.T. -0.025 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25



Tgt Ion:178 Resp: 5910
Ion Ratio Lower Upper
178 100
179 22.4 13.4 20.2#
176 20.6 15.4 23.0





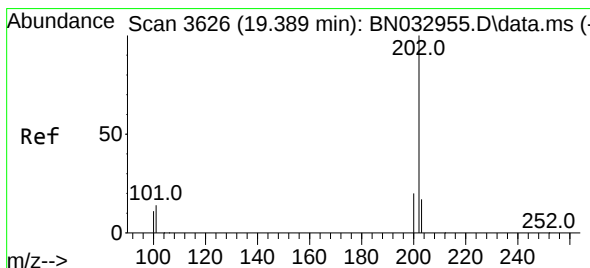
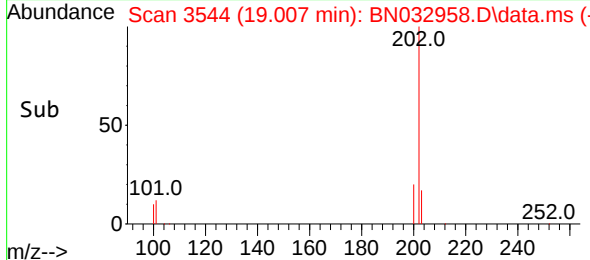
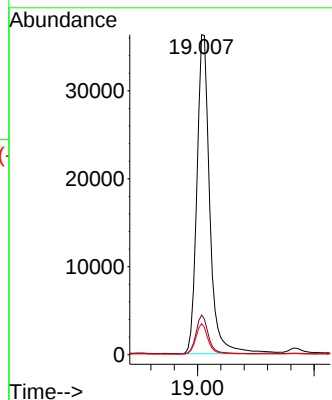
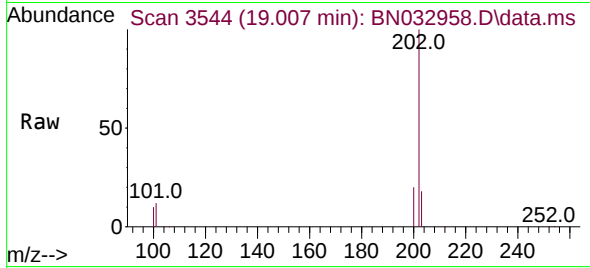
#19
Fluoranthene
Concen: 1.541 ng/ul
RT: 19.007 min Scan# 3544
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

Instrument :
BNA_N
ClientSampleId :
A4CJ5DL

Tgt Ion:202 Resp: 55692
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.7 7.9 11.9

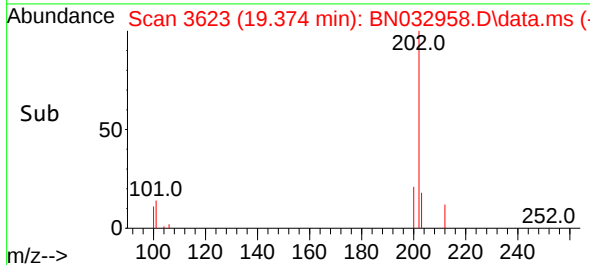
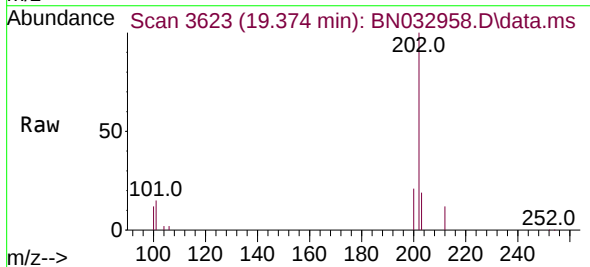
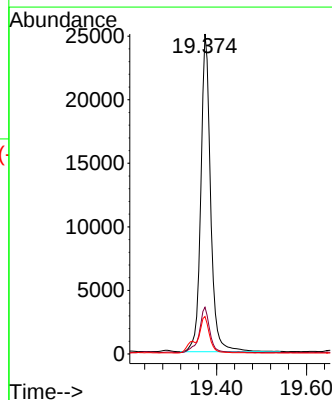
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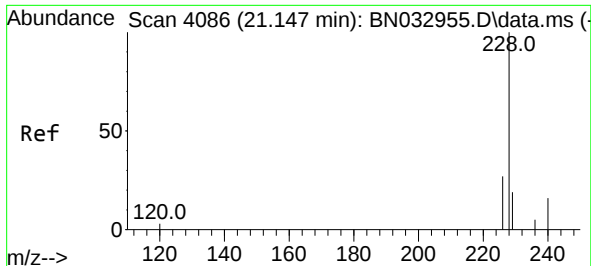
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.015 ng/ul
RT: 19.374 min Scan# 3623
Delta R.T. -0.018 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

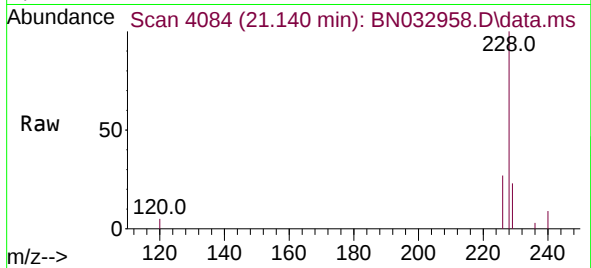
Tgt Ion:202 Resp: 37968
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.900 ng/u1
RT: 21.140 min Scan# 4086
Delta R.T. -0.010 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

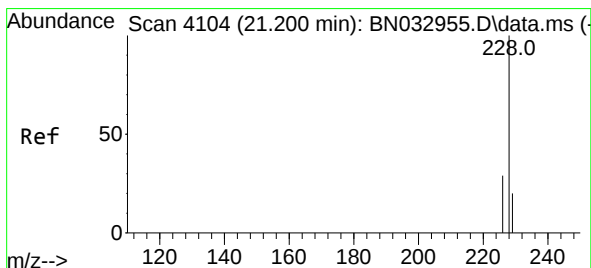
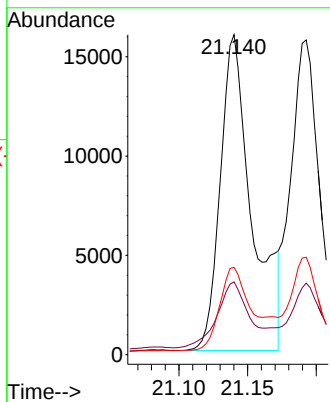
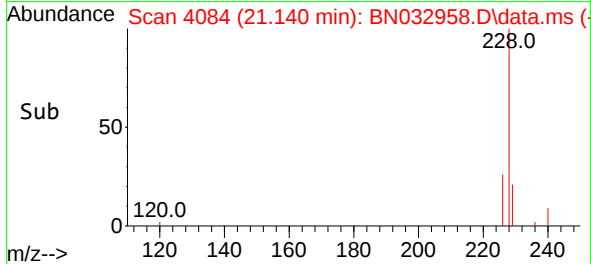
Instrument :
BNA_N
ClientSampleId :
A4CJ5DL



Tgt Ion:228 Resp: 25460
Ion Ratio Lower Upper
228 100
229 22.7 16.1 24.1
226 27.3 21.9 32.9

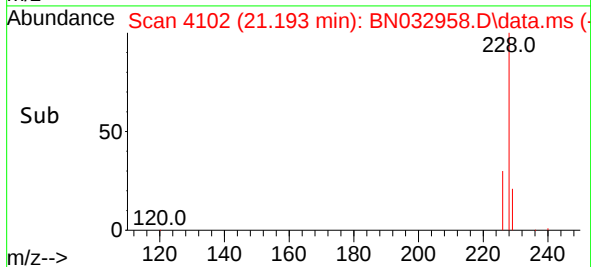
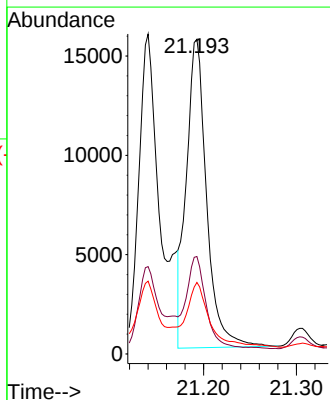
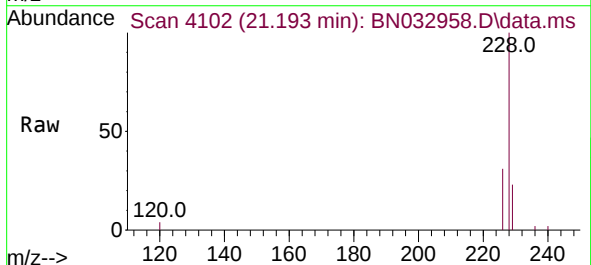
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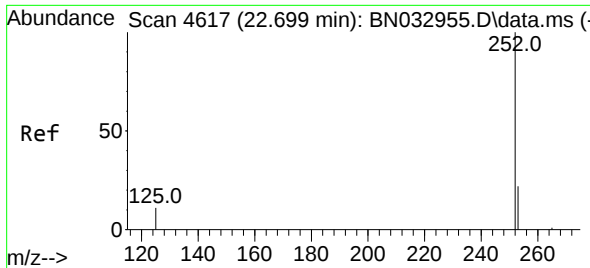
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.576 ng/u1
RT: 21.193 min Scan# 4102
Delta R.T. -0.010 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

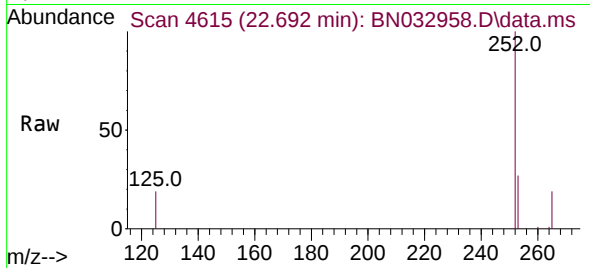
Tgt Ion:228 Resp: 23558
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.841 ng/ul m
RT: 22.692 min Scan# 4615
Delta R.T. -0.007 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

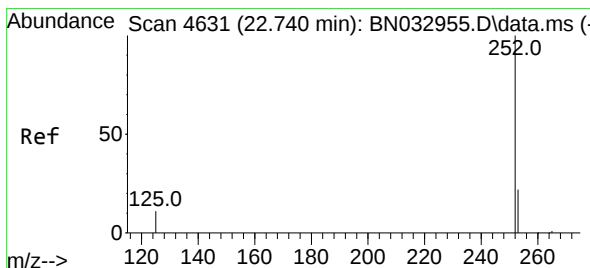
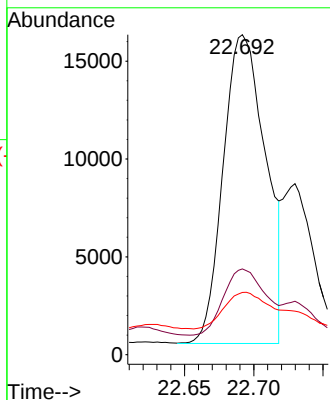
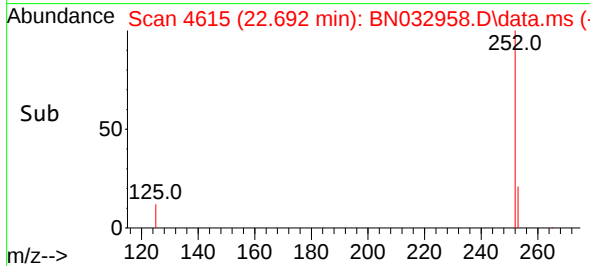
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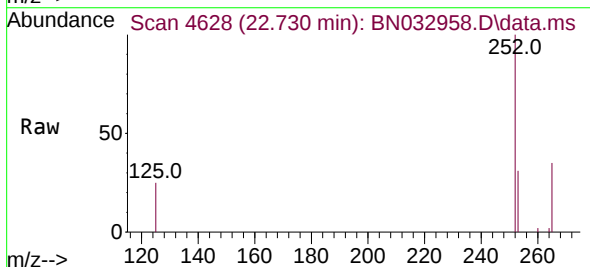
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Ion Ratio Lower Upper
252 100
253 26.8 0.0 54.0
125 19.5 0.0 36.0

Manual Integrations
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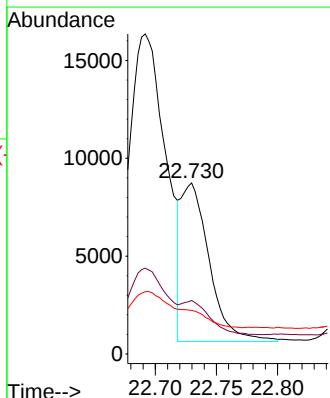
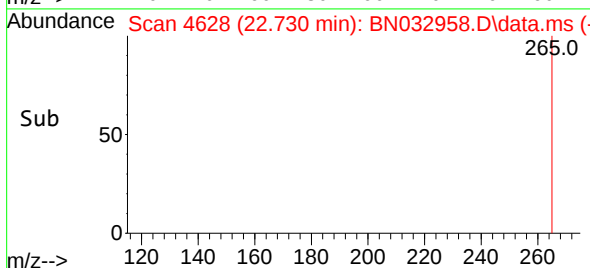
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

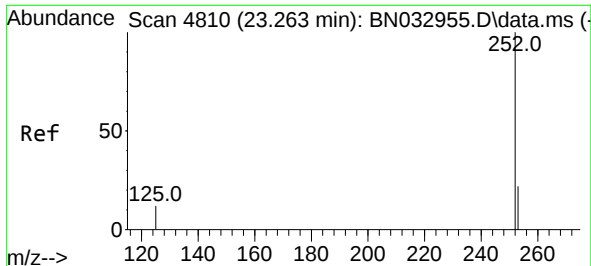


#25
Benzo(k)fluoranthene
Concen: 0.267 ng/ul m
RT: 22.730 min Scan# 4628
Delta R.T. -0.010 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25



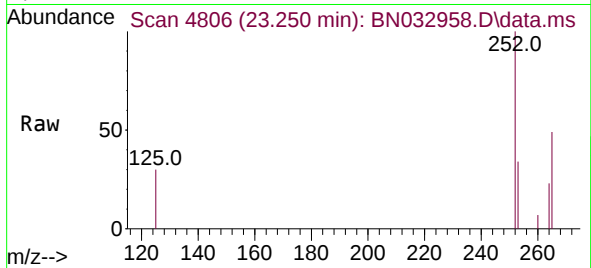
Tgt Ion:252 Resp: 13023
Ion Ratio Lower Upper
252 100
253 31.2 21.2 31.8
125 25.4 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.250 min Scan# 4810
Delta R.T. -0.013 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25

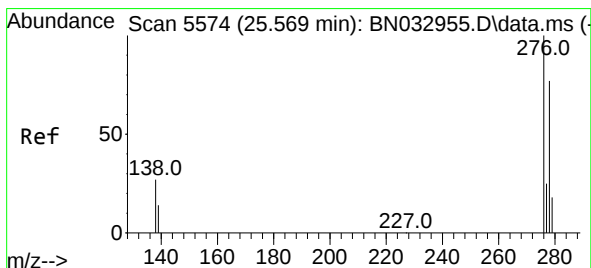
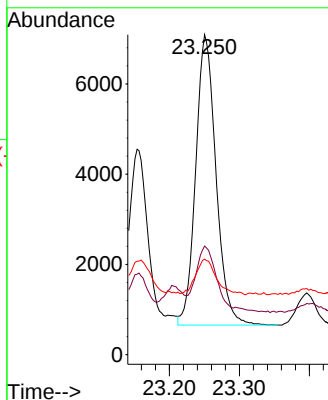
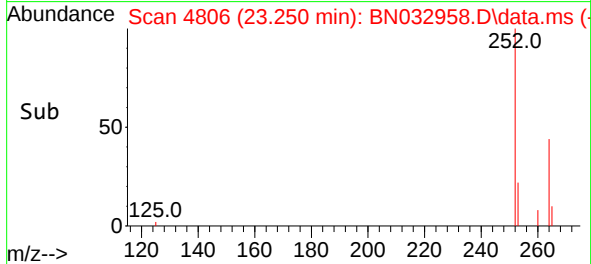
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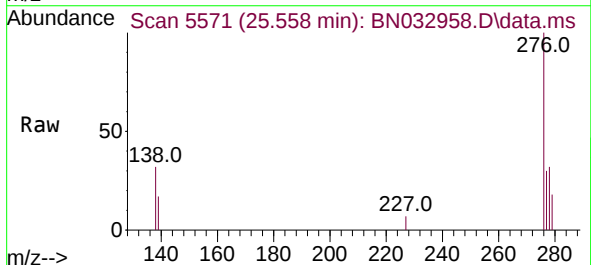
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Ion Ratio Lower Upper
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125 29.9 20.6 30.8

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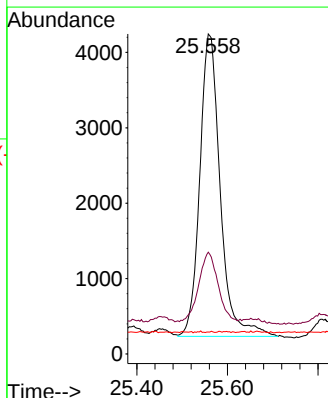
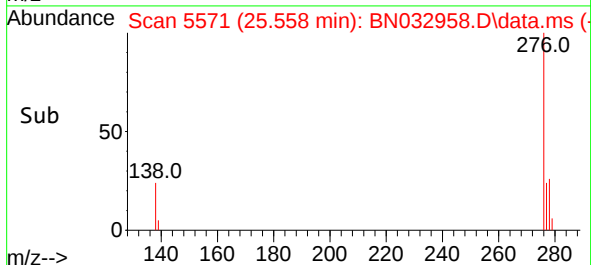
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

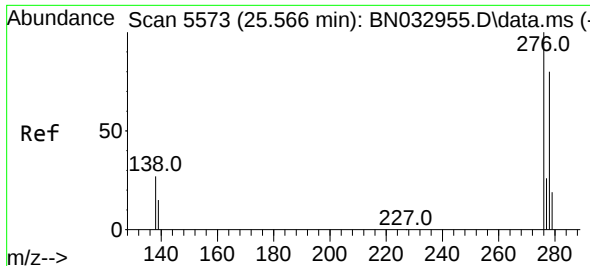


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.558 min Scan# 5571
Delta R.T. -0.012 min
Lab File: BN032958.D
Acq: 24 Jul 2024 21:25



Tgt Ion:276 Resp: 12579
Ion Ratio Lower Upper
276 100
138 21.3 21.6 32.4#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.116 ng/ul

RT: 25.551 min Scan# 5569

Delta R.T. -0.018 min

Lab File: BN032958.D

Acq: 24 Jul 2024 21:25

Instrument :

BNA_N

ClientSampleId :

A4CJ5DL

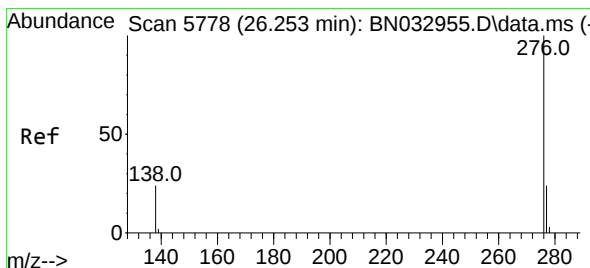
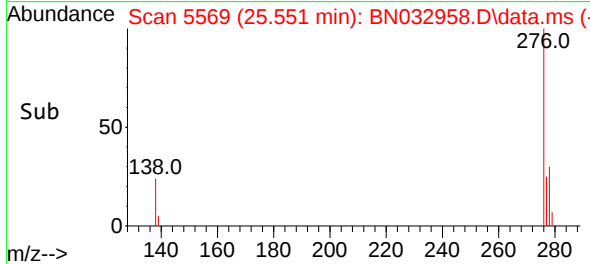
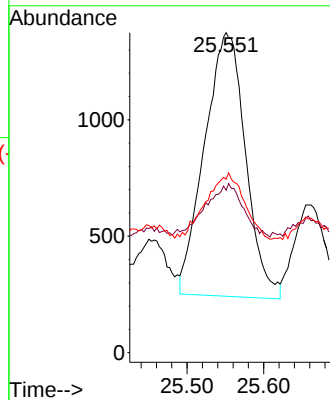
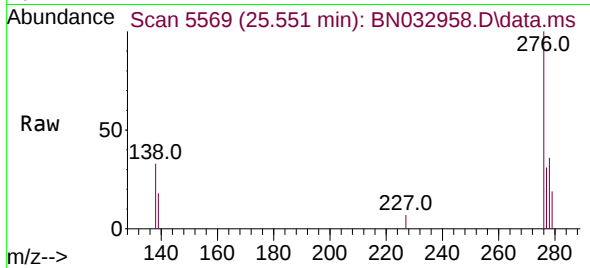
Tgt Ion:278 Resp: 4209
 Ion Ratio Lower Upper
 278 100
 139 50.8 16.6 24.8#
 279 54.2 23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#29

Benzo(g,h,i)perylene

Concen: 0.048 ng/ul

RT: 26.245 min Scan# 5776

Delta R.T. -0.005 min

Lab File: BN032958.D

Acq: 24 Jul 2024 21:25

Tgt Ion:276 Resp: 1868
 Ion Ratio Lower Upper
 276 100
 138 72.8 21.0 31.4#
 277 57.9 20.6 31.0#

