

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032657.D
 Acq On : 12 Jul 2024 04:35
 Operator : MA/JU
 Sample : P3035-22
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CC0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 05:14:09 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	8729	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.325	136	27268	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.201	164	14596	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.960	188	24697m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.169	240	19174m	0.400	ng/ul	-0.02
23) Perylene-d12	23.364	264	20876m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	25731	2.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	7703	0.187	ng/ul	-0.05
18) Fluoranthene-d10	19.002	212	12588	0.201	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.375	128	2273	0.031	ng/ul#	89
10) Acenaphthylene	13.923	152	6018	0.102	ng/ul	96
11) Acenaphthene	14.266	153	1023	0.021	ng/ul	95
12) Fluorene	15.260	166	1459	0.026	ng/ul#	95
15) Phenanthrene	17.002	178	33360m	0.496	ng/ul	
16) Anthracene	17.095	178	7968m	0.145	ng/ul	
19) Fluoranthene	19.030	202	87349	1.120	ng/ul	100
20) Pyrene	19.397	202	78644	0.975	ng/ul	98
21) Benzo(a)anthracene	21.154	228	48580m	0.796	ng/ul	
22) Chrysene	21.207	228	42581	0.482	ng/ul	96
24) Benzo(b)fluoranthene	22.712	252	66389m	0.901	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	23554m	0.262	ng/ul	
26) Benzo(a)pyrene	23.267	252	46041	0.722	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.578	276	34479	0.399	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.578	278	8209	0.123	ng/ul#	55
29) Benzo(g,h,i)perylene	26.252	276	33309	0.462	ng/ul	98

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

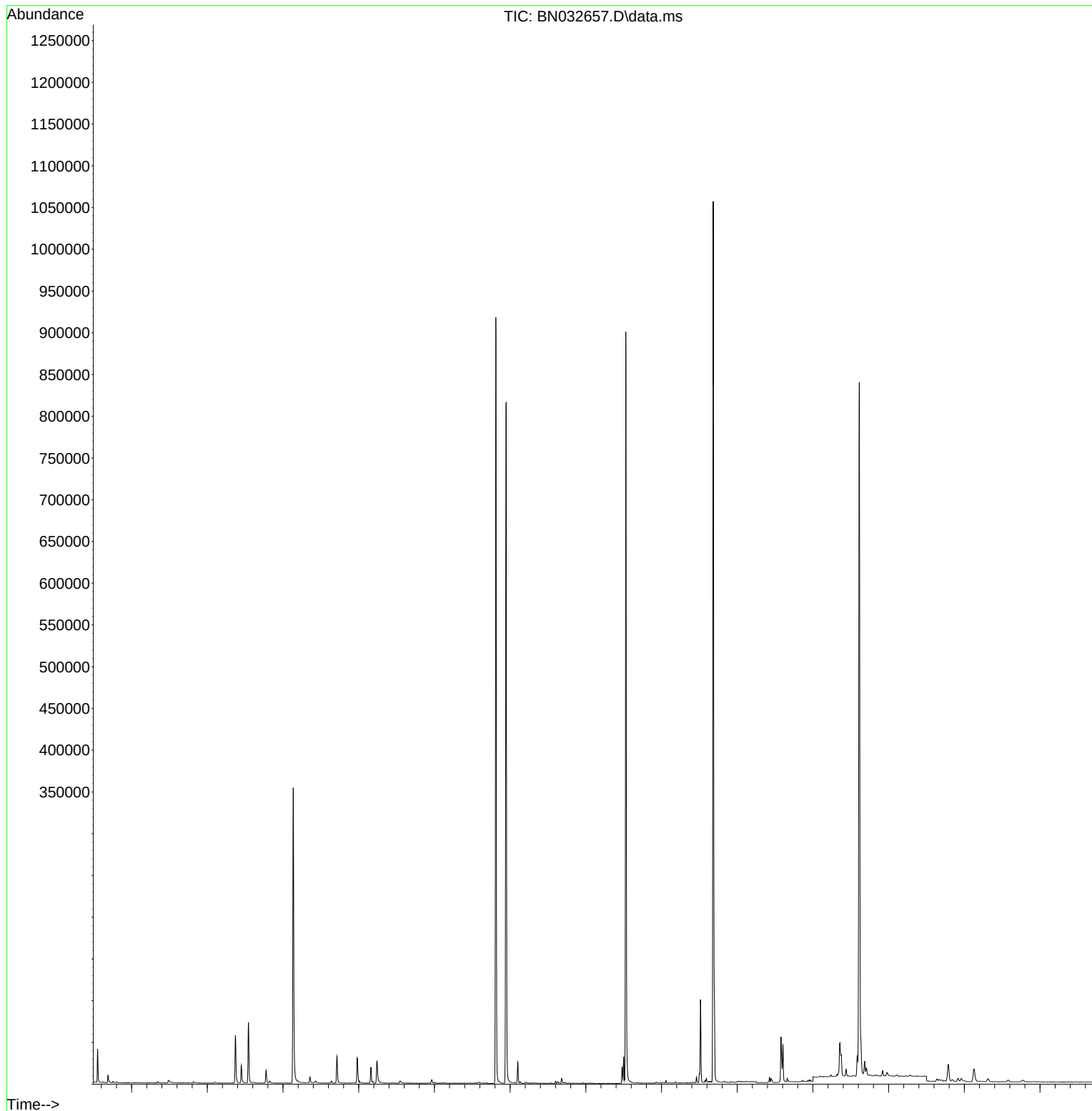
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032657.D
Acq On : 12 Jul 2024 04:35
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ALS Vial : 34 Sample Multiplier: 1

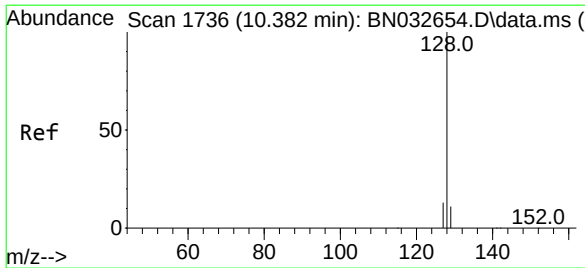
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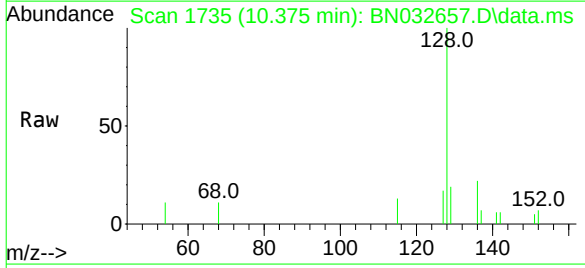
Quant Time: Jul 12 05:14:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/u1
RT: 10.375 min Scan# 1735
Delta R.T. -0.034 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35

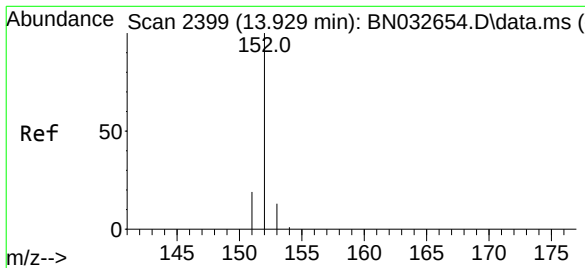
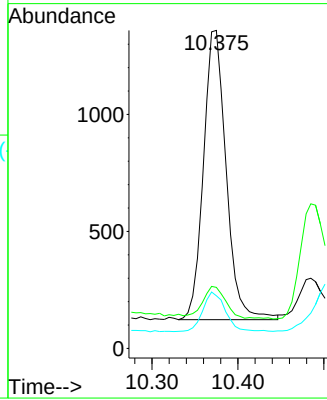
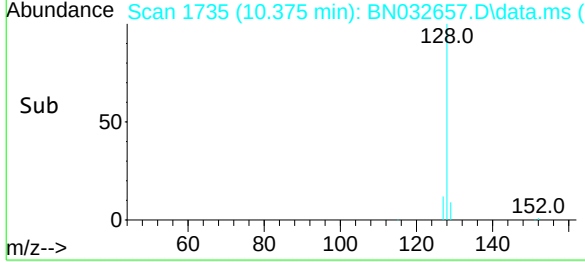
Instrument :
BNA_N
ClientSampleId :
A4CC0



Tgt Ion:128 Resp: 2273
Ion Ratio Lower Upper
128 100
129 19.2 10.0 15.0#
127 16.6 11.6 17.4

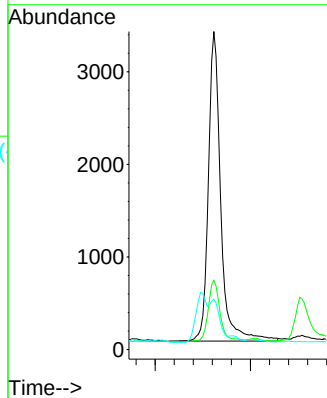
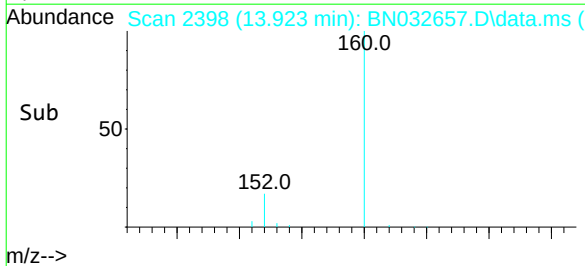
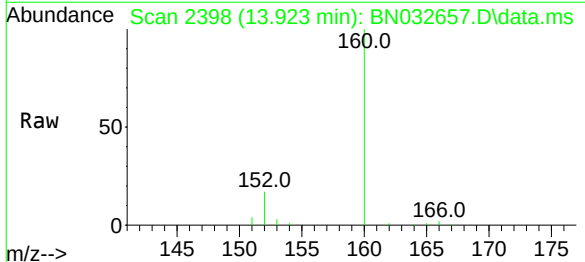
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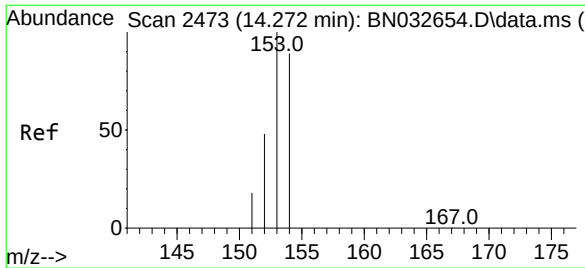
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.102 ng/u1
RT: 13.923 min Scan# 2398
Delta R.T. -0.020 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35

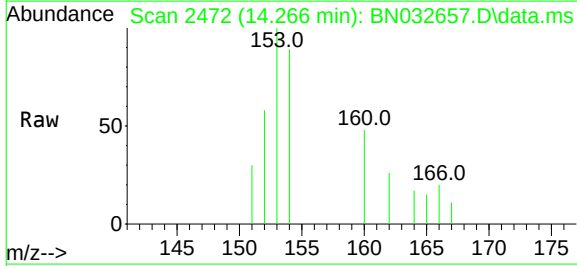
Tgt Ion:152 Resp: 6018
Ion Ratio Lower Upper
152 100
151 21.8 16.3 24.5
153 15.9 11.3 16.9





#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.266 min Scan# 2473
Delta R.T. -0.015 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35

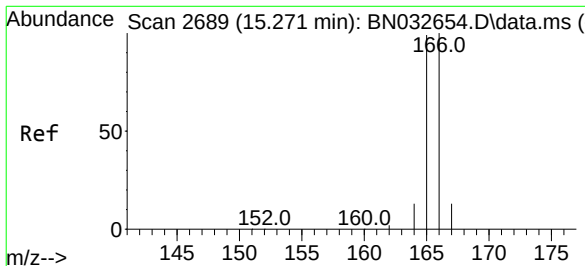
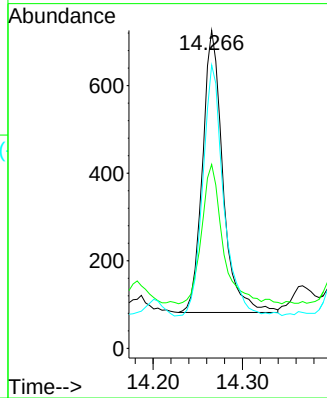
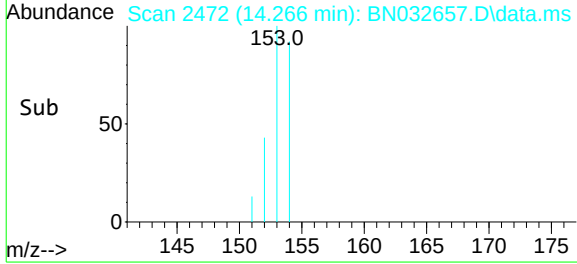
Instrument :
BNA_N
ClientSampleId :
A4CC0



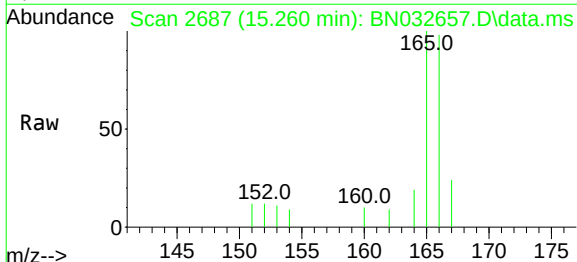
Tgt Ion:153 Resp: 1023
Ion Ratio Lower Upper
153 100
152 57.9 40.0 60.0
154 89.1 70.2 105.4

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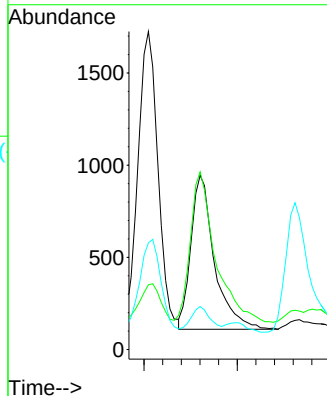
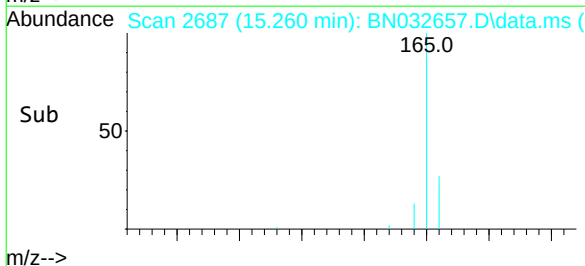
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

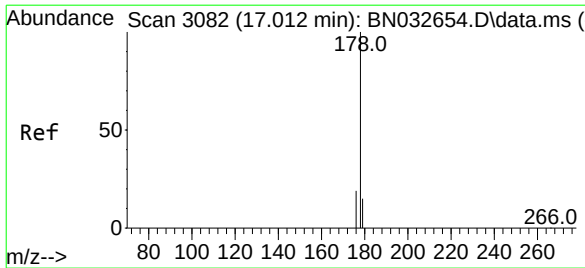


#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.260 min Scan# 2687
Delta R.T. -0.029 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35



Tgt Ion:166 Resp: 1459
Ion Ratio Lower Upper
166 100
165 102.0 79.7 119.5
167 24.7 11.4 17.2#





#15

Phenanthrene

Concen: 0.496 ng/ul m

RT: 17.002 min Scan# 3080

Delta R.T. -0.027 min

Lab File: BN032657.D

Acq: 12 Jul 2024 04:35

Instrument :

BNA_N

ClientSampleId :

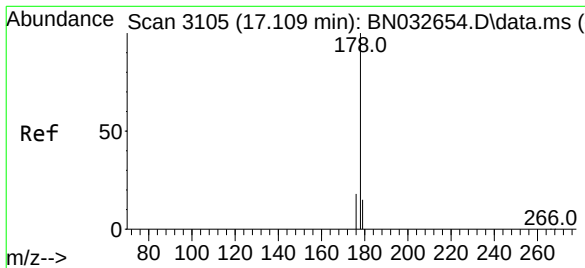
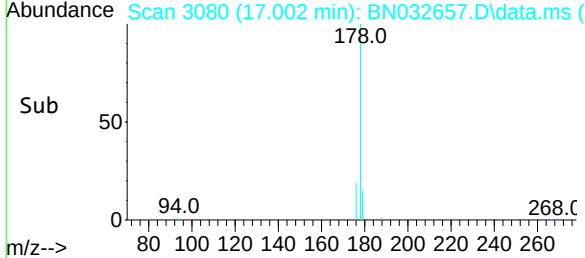
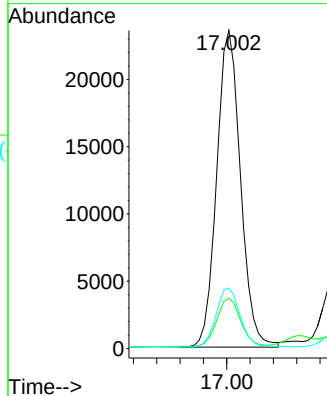
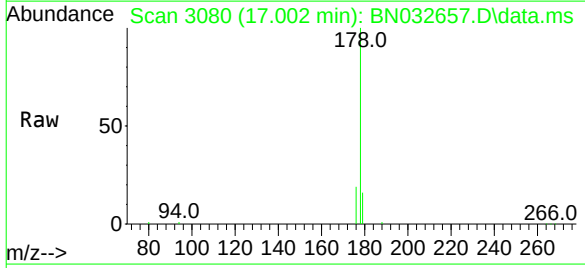
A4CC0

Tgt	Ion:178	Resp:	33360
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.0	15.6	23.4

Manual Integrations

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#16

Anthracene

Concen: 0.145 ng/ul m

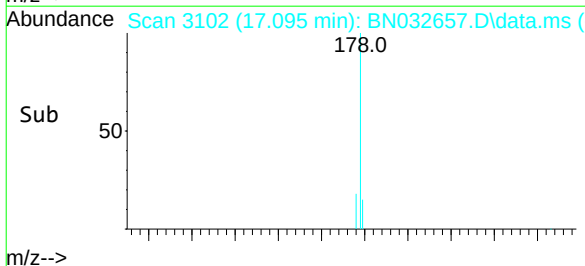
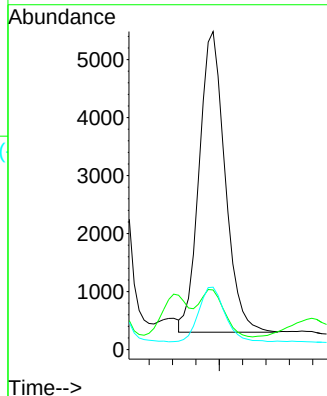
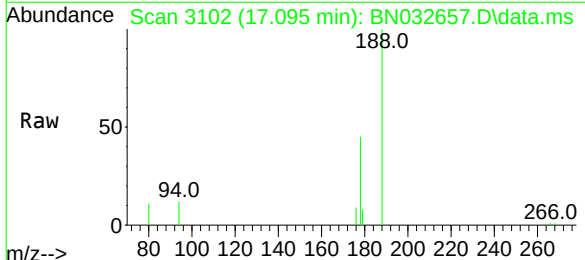
RT: 17.095 min Scan# 3102

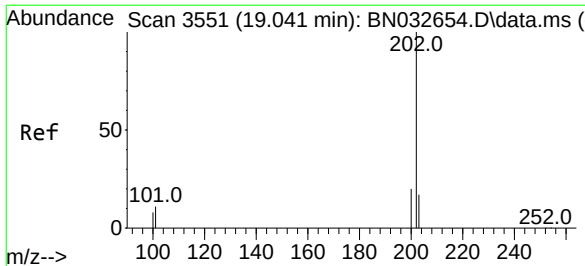
Delta R.T. -0.044 min

Lab File: BN032657.D

Acq: 12 Jul 2024 04:35

Tgt	Ion:178	Resp:	7968
Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.4	20.2
176	19.6	15.4	23.0





#19

Fluoranthene

Concen: 1.120 ng/u1

RT: 19.030 min Scan# 3551

Delta R.T. -0.025 min

Lab File: BN032657.D

Acq: 12 Jul 2024 04:35

Instrument :

BNA_N

ClientSampleId :

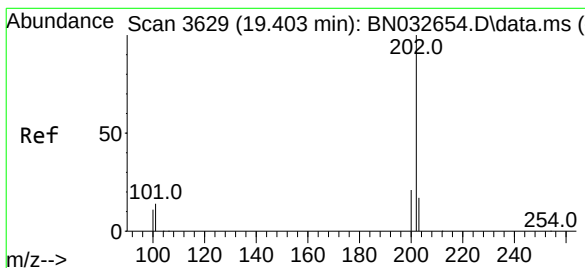
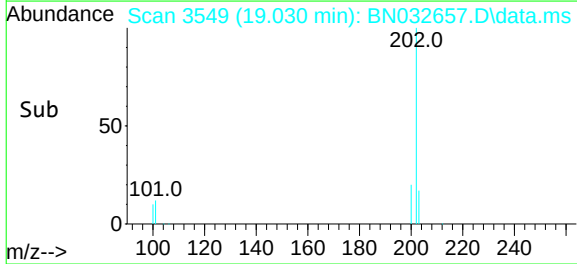
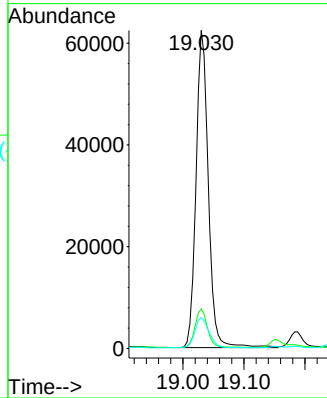
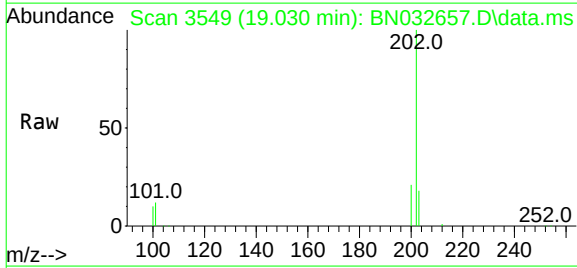
A4CC0

Tgt Ion:	202	Resp:	87349
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.8	14.8
100	9.7	7.9	11.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#20

Pyrene

Concen: 0.975 ng/u1

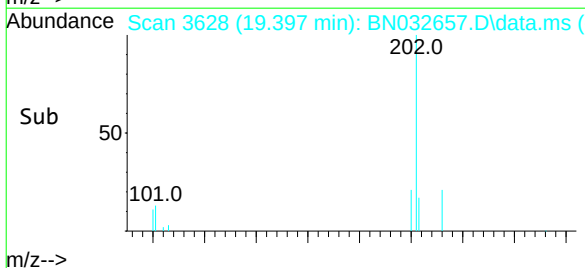
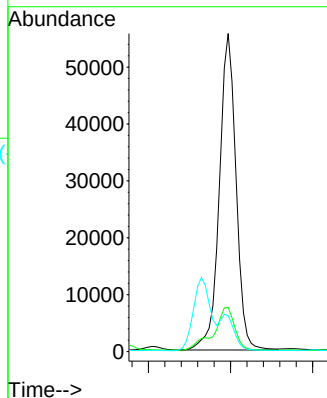
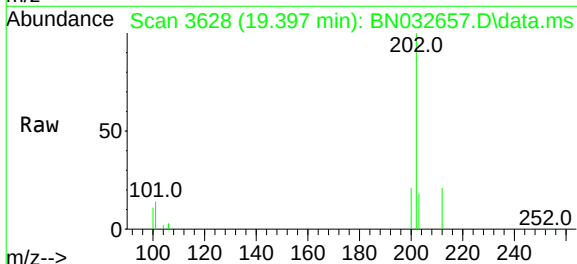
RT: 19.397 min Scan# 3628

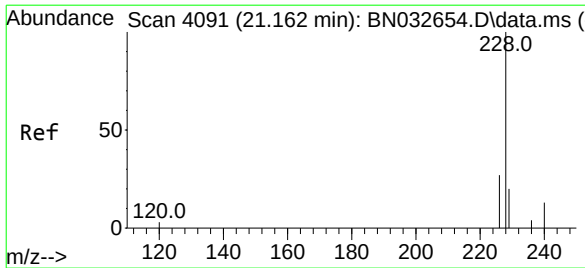
Delta R.T. -0.025 min

Lab File: BN032657.D

Acq: 12 Jul 2024 04:35

Tgt Ion:	202	Resp:	78644
Ion Ratio	Lower	Upper	
202	100		
101	13.9	11.8	17.6
100	11.3	9.6	14.4





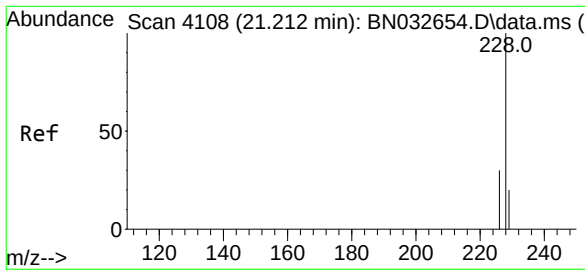
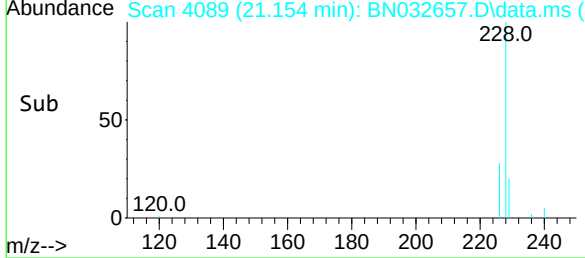
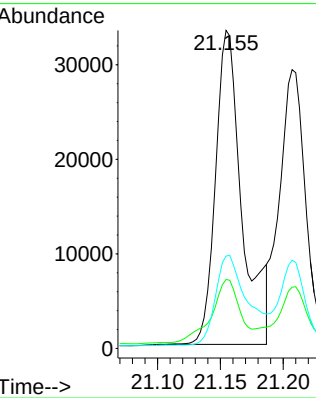
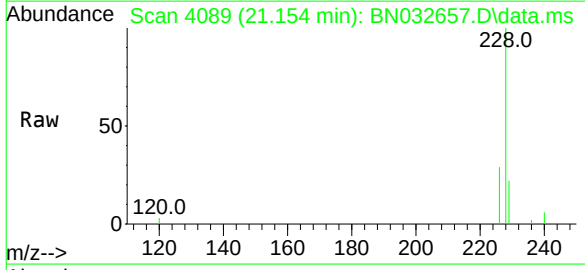
#21
Benzo(a)anthracene
Concen: 0.796 ng/u1 m
RT: 21.154 min Scan# 4089
Delta R.T. -0.028 min
Lab File: BN032657.D
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BNA_N
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Tgt Ion:	228	Resp:	48580
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.1	24.1
226	29.1	21.9	32.9

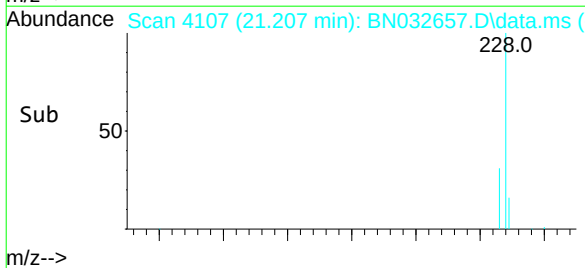
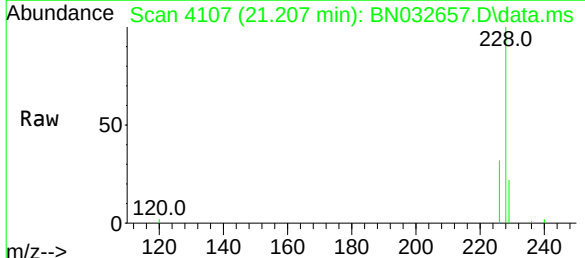
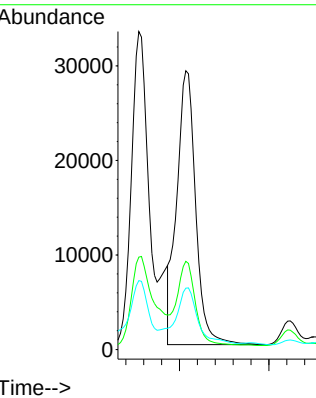
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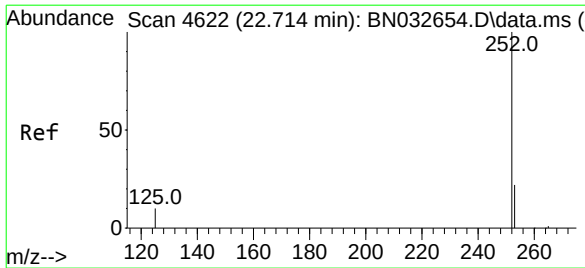
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.482 ng/u1
RT: 21.207 min Scan# 4107
Delta R.T. -0.025 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35

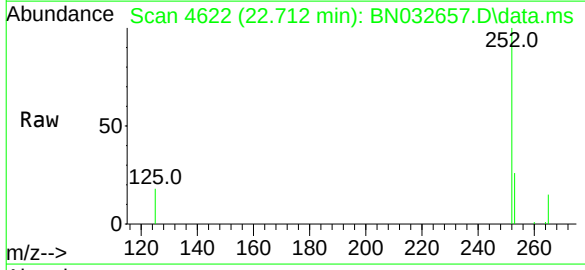
Tgt Ion:	228	Resp:	42581
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.0	36.0
229	22.0	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 0.901 ng/u1 m
RT: 22.712 min Scan# 4622
Delta R.T. -0.022 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35

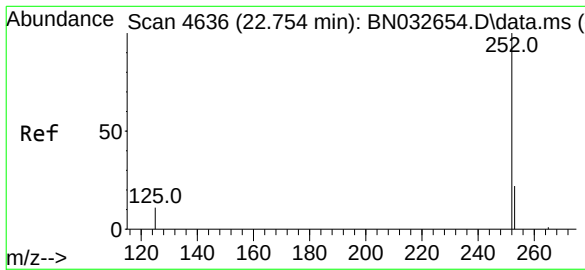
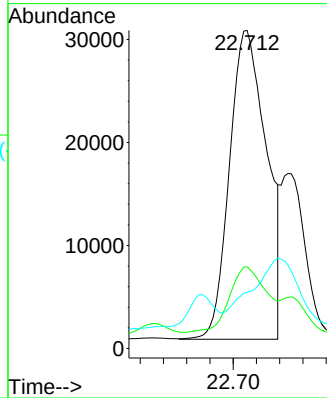
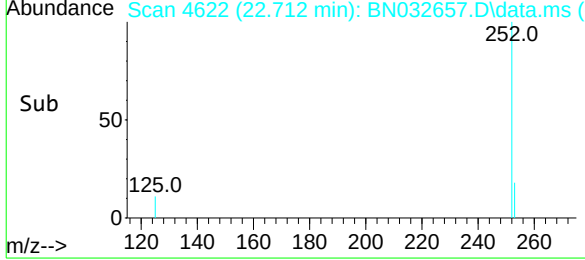
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Tgt Ion:	252	Resp:	66389
Ion Ratio	Lower	Upper	
252	100		
253	25.7	0.0	54.0
125	17.7	0.0	36.0

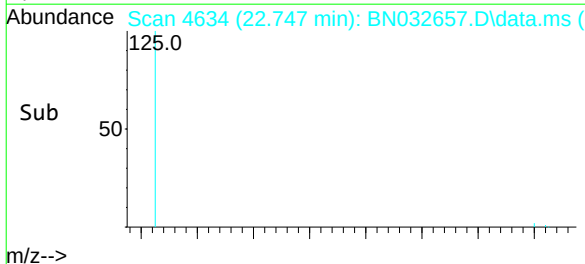
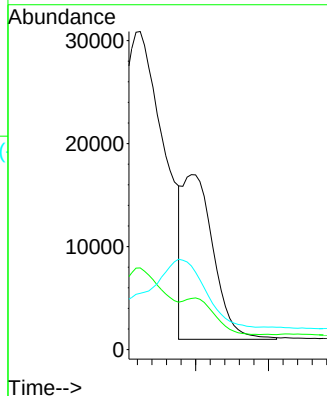
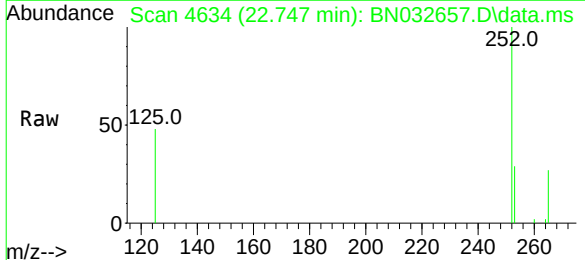
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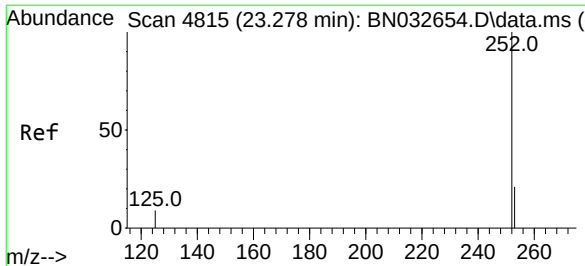
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.262 ng/u1 m
RT: 22.747 min Scan# 4634
Delta R.T. -0.031 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35

Tgt Ion:	252	Resp:	23554
Ion Ratio	Lower	Upper	
252	100		
253	29.2	21.2	31.8
125	47.8	14.8	22.2





#26

Benzo(a)pyrene

Concen: 0.722 ng/ul

RT: 23.267 min Scan# 4815

Delta R.T. -0.042 min

Lab File: BN032657.D

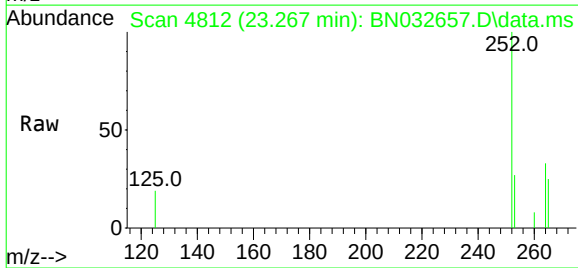
Acq: 12 Jul 2024 04:35

Instrument :

BNA_N

ClientSampleId :

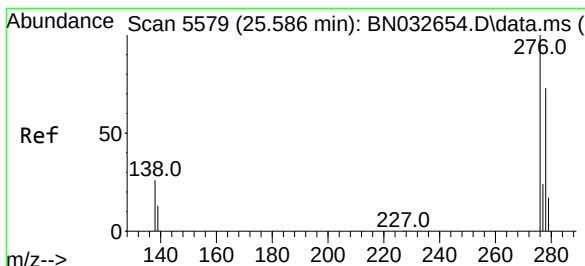
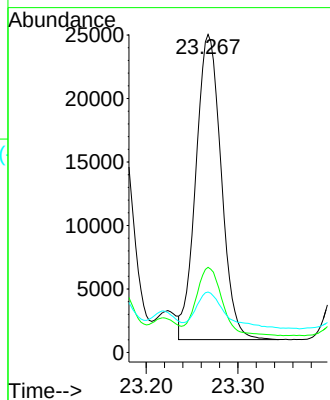
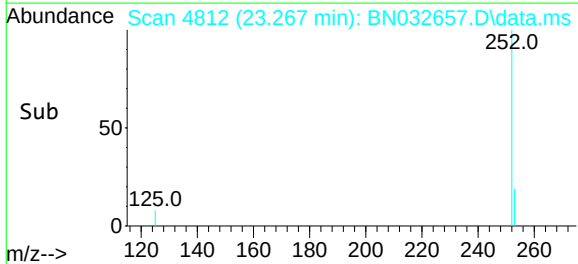
A4CC0



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	25.4	38.0
125	19.0	20.6	30.8

Manual Integrations
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Supervised By :mohammad ahmed 07/16/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul

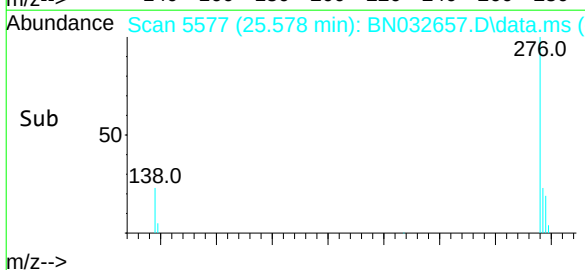
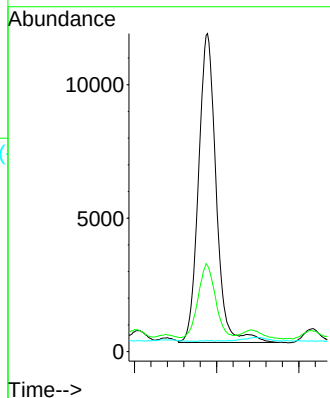
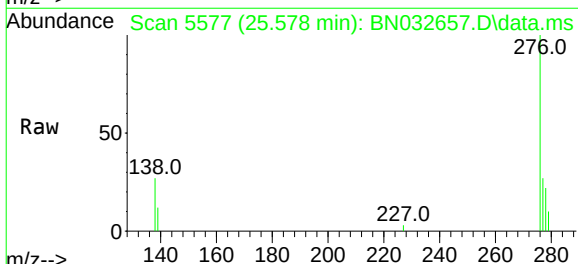
RT: 25.578 min Scan# 5577

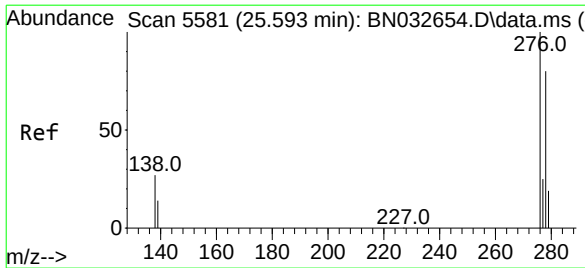
Delta R.T. -0.048 min

Lab File: BN032657.D

Acq: 12 Jul 2024 04:35

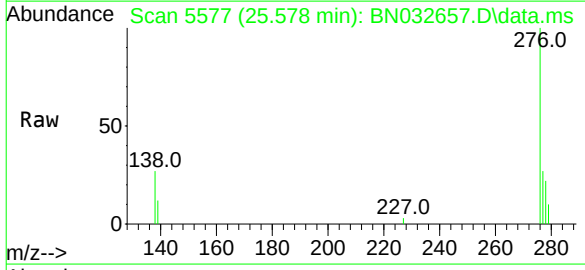
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.6	32.4
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 25.578 min Scan# 5581
Delta R.T. -0.062 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35

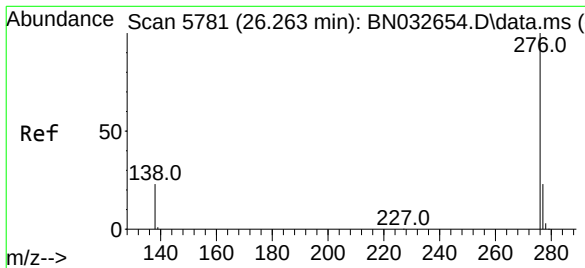
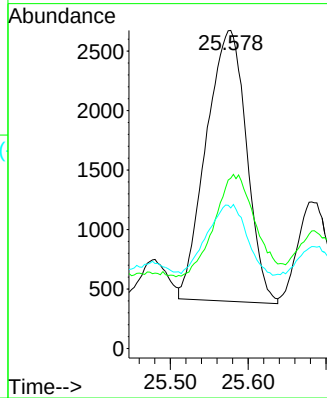
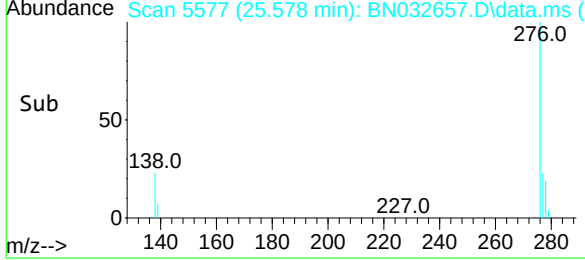
Instrument :
BNA_N
ClientSampleId :
A4CC0



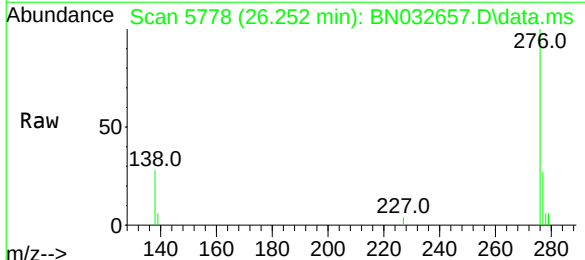
Tgt Ion:	278	Resp:	8209
Ion Ratio	Lower	Upper	
278	100		
139	53.6	16.6	24.8#
279	44.2	23.7	35.5#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.252 min Scan# 5778
Delta R.T. -0.048 min
Lab File: BN032657.D
Acq: 12 Jul 2024 04:35



Tgt Ion:	276	Resp:	33309
Ion Ratio	Lower	Upper	
276	100		
138	27.6	21.0	31.4
277	26.6	20.6	31.0

