

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032292.D
 Acq On : 27 Jun 2024 22:31
 Operator : MA/JU
 Sample : P2909-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B46

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	9463	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	29464	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	16152	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	27292m	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	19027m	0.400	ng/ul	0.00
23) Perylene-d12	23.433	264	20659m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	30972	2.945	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	9262	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	14735m	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	2852	0.037	ng/ul#	87
10) Acenaphthylene	13.985	152	3983	0.059	ng/ul#	92
11) Acenaphthene	14.327	153	2219	0.043	ng/ul	97
12) Fluorene	15.317	166	2831	0.046	ng/ul#	98
15) Phenanthrene	17.058	178	53667m	0.717	ng/ul	
16) Anthracene	17.151	178	10918m	0.164	ng/ul	
19) Fluoranthene	19.083	202	122418m	1.690	ng/ul	
20) Pyrene	19.450	202	105169m	1.389	ng/ul	
21) Benzo(a)anthracene	21.200	228	48238m	0.702	ng/ul	
22) Chrysene	21.252	228	61341m	0.814	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	92456m	1.030	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	31319m	0.359	ng/ul	
26) Benzo(a)pyrene	23.336	252	54368m	0.871	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.670	276	47032m	0.481	ng/ul	
28) Dibenzo(a,h)anthracene	25.676	278	12160m	0.167	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	47367m	0.608	ng/ul	

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

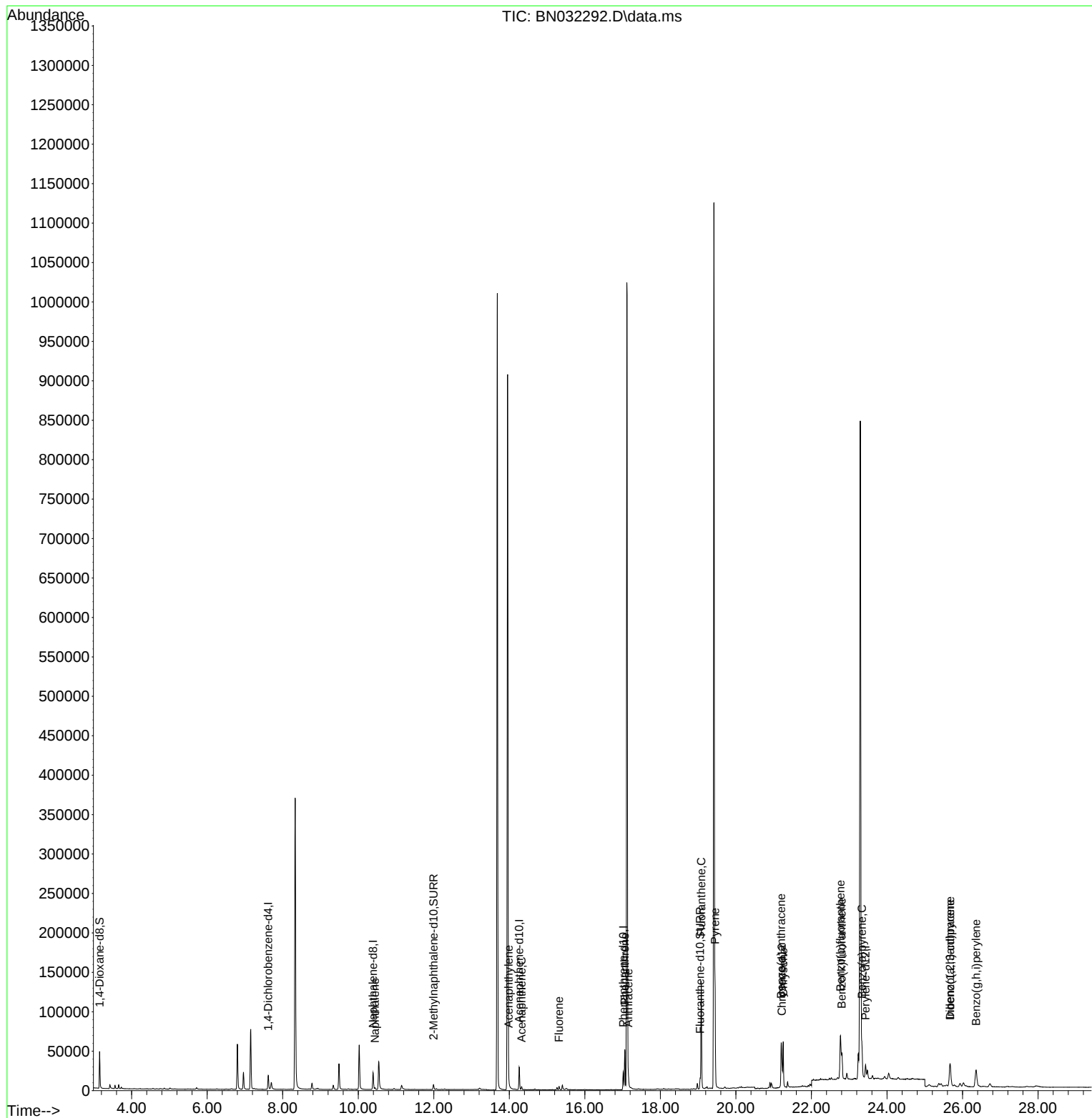
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032292.D
Acq On : 27 Jun 2024 22:31
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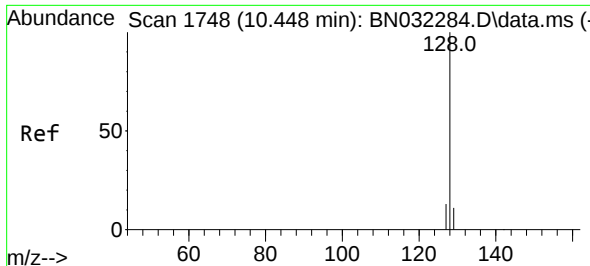
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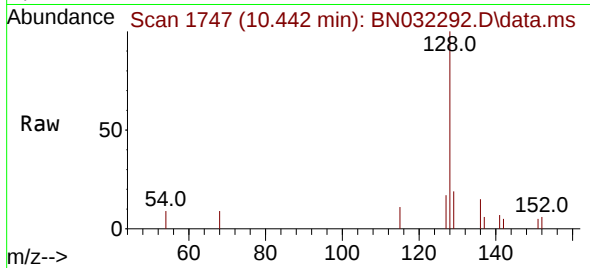
Quant Time: Jun 28 00:28:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/u1
RT: 10.442 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

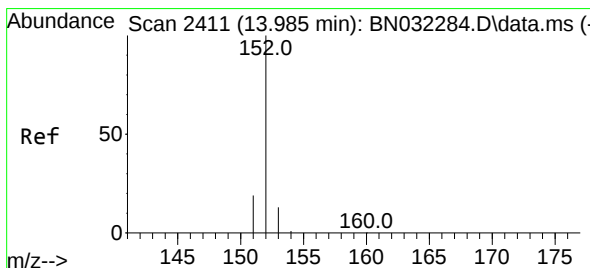
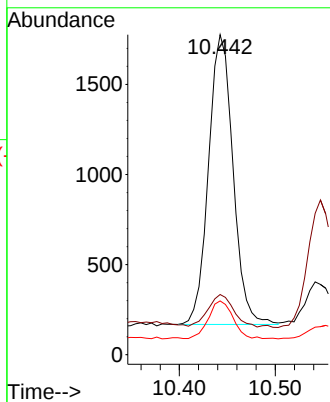
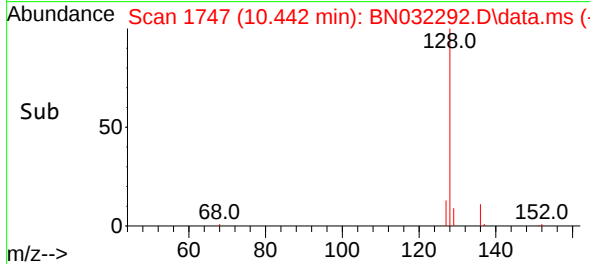
Instrument :
BNA_N
ClientSampleId :
A4B46



Tgt Ion:128 Resp: 2852
Ion Ratio Lower Upper
128 100
129 18.8 9.2 13.8
127 16.8 10.8 16.2

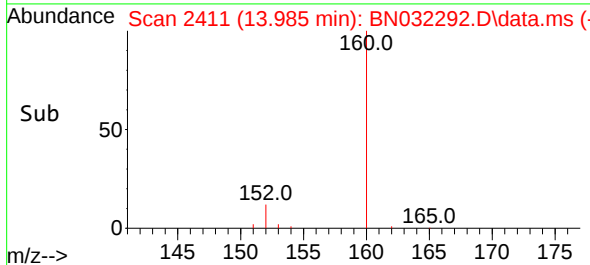
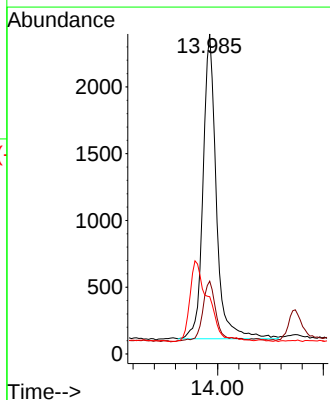
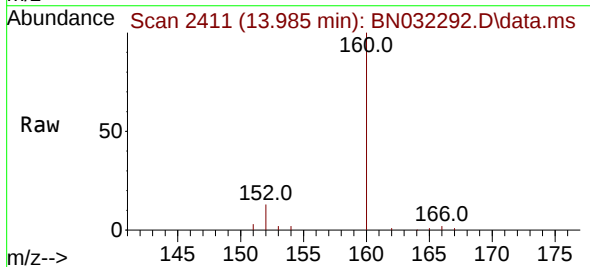
Manual Integrations
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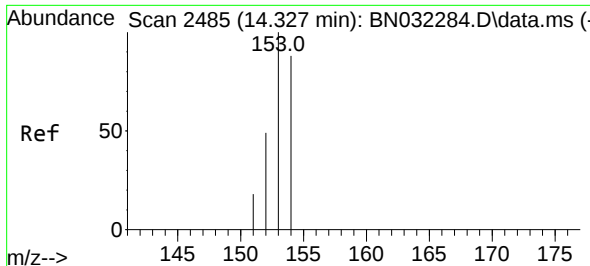
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 0.059 ng/u1
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

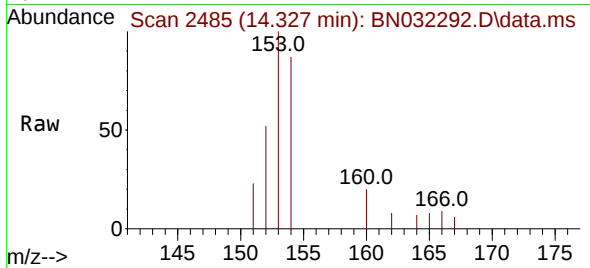
Tgt Ion:152 Resp: 3983
Ion Ratio Lower Upper
152 100
151 22.7 15.7 23.5
153 17.9 10.9 16.3





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

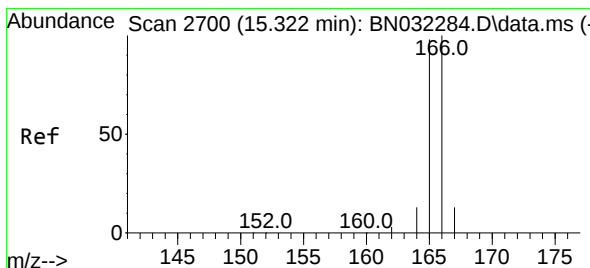
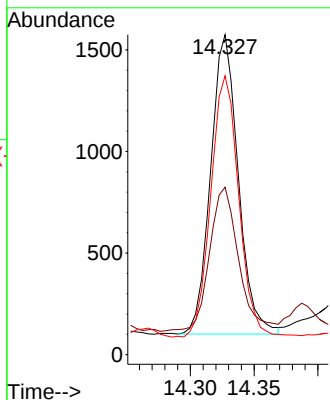
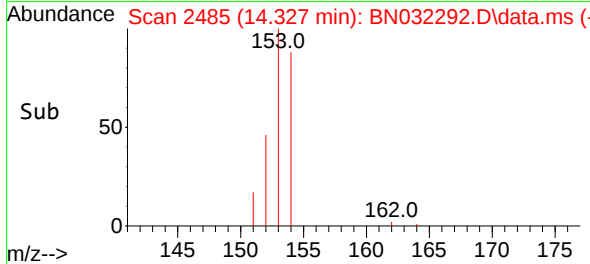
Instrument :
BNA_N
ClientSampleId :
A4B46



Tgt Ion:153 Resp: 2219
Ion Ratio Lower Upper
153 100
152 52.4 39.5 59.3
154 87.2 71.7 107.5

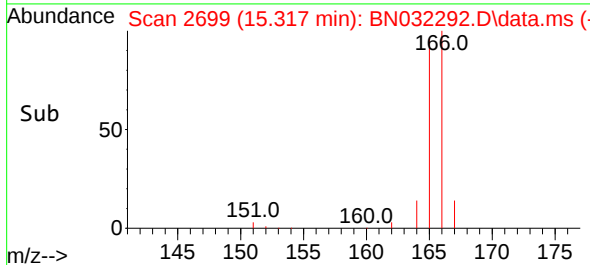
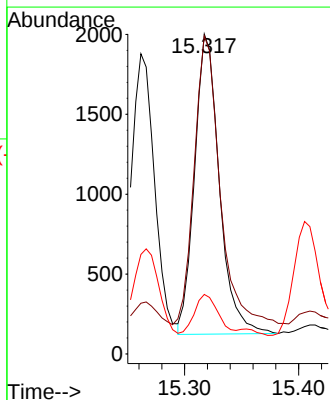
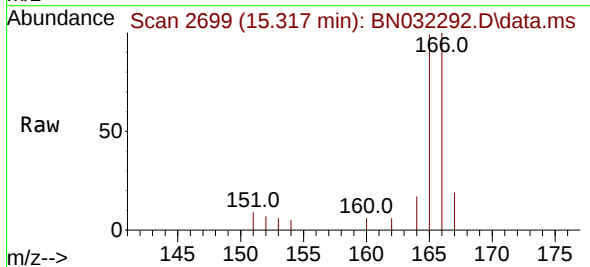
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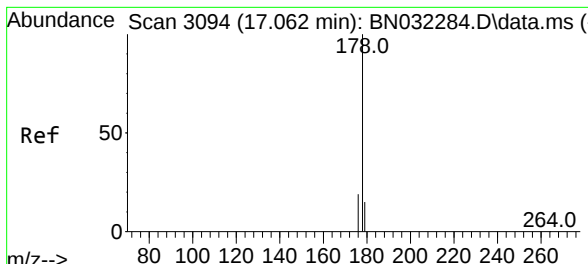
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.046 ng/u1
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

Tgt Ion:166 Resp: 2831
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 18.6 11.0 16.6#



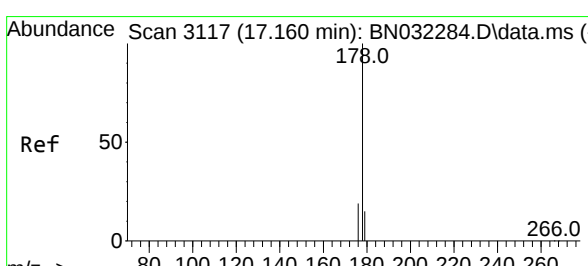
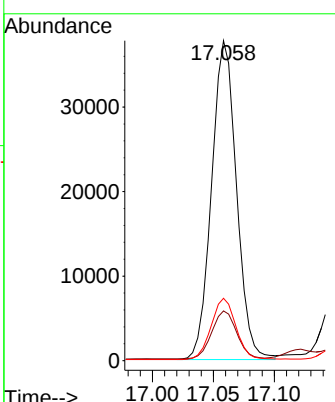
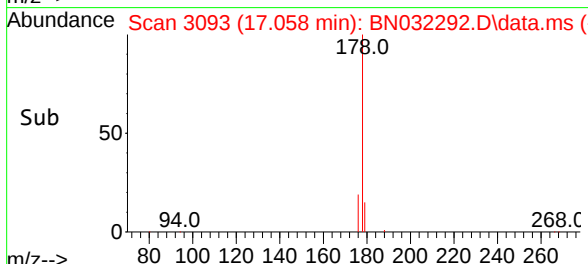
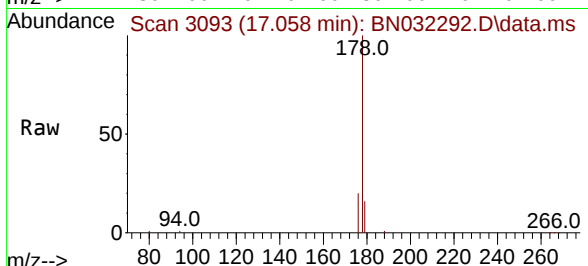


#15
 Phenanthrene
 Concen: 0.717 ng/ul m
 RT: 17.058 min Scan# 3093
 Delta R.T. -0.008 min
 Lab File: BN032292.D
 Acq: 27 Jun 2024 22:31

Instrument : BNA_N
 ClientSampleId : A4B46

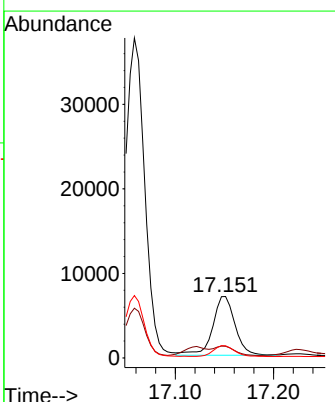
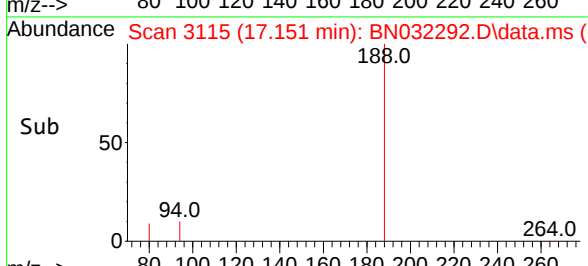
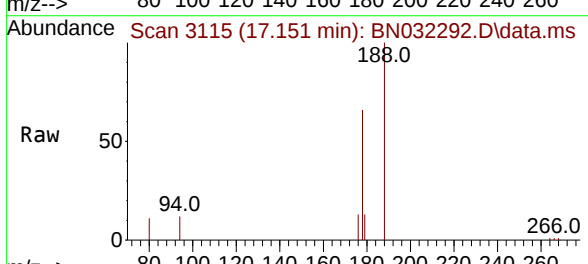
Tgt Ion:	178	Resp:	5366
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	19.5	15.6	23.4

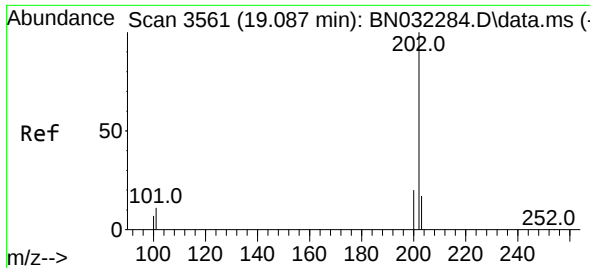
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 Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024



#16
 Anthracene
 Concen: 0.164 ng/ul m
 RT: 17.151 min Scan# 3115
 Delta R.T. -0.008 min
 Lab File: BN032292.D
 Acq: 27 Jun 2024 22:31

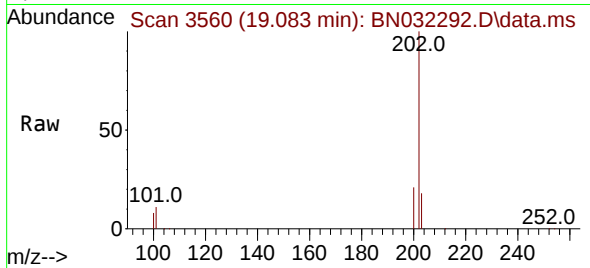
Tgt Ion:	178	Resp:	10918
Ion Ratio	Lower	Upper	
178	100		
179	19.1	12.5	18.7#
176	19.7	15.0	22.6





#19
Fluoranthene
Concen: 1.690 ng/ul m
RT: 19.083 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

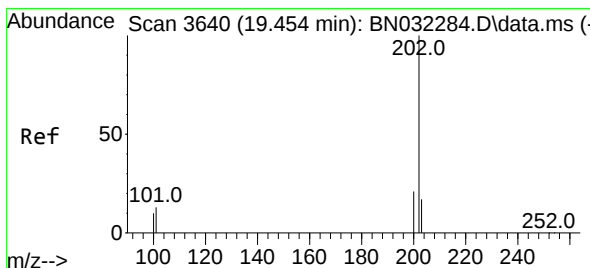
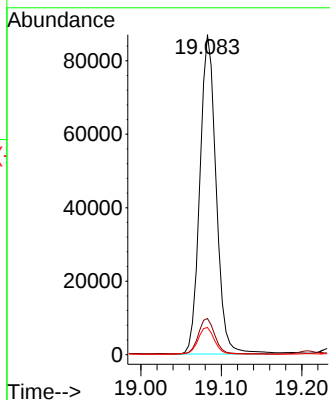
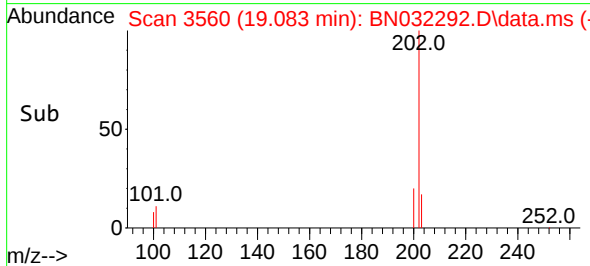
Instrument :
BNA_N
ClientSampleId :
A4B46



Tgt Ion:202 Resp: 122418
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.5 6.4 9.6

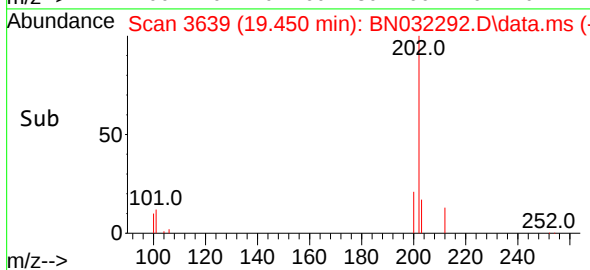
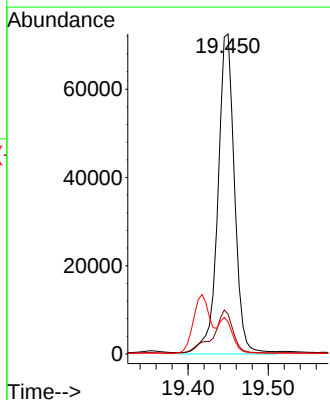
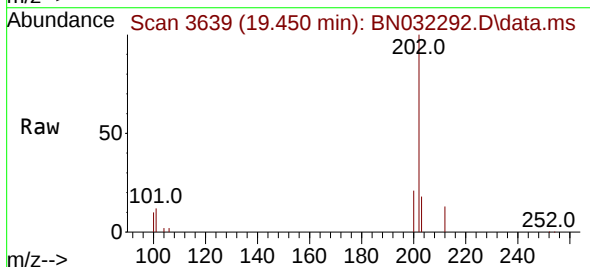
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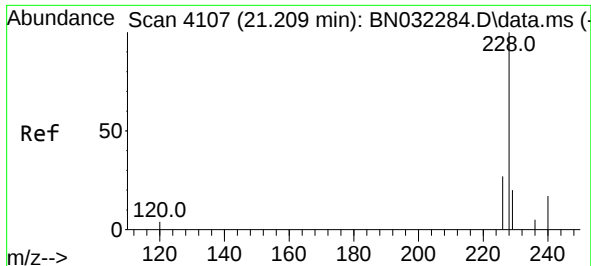
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#20
Pyrene
Concen: 1.389 ng/ul m
RT: 19.450 min Scan# 3639
Delta R.T. -0.005 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

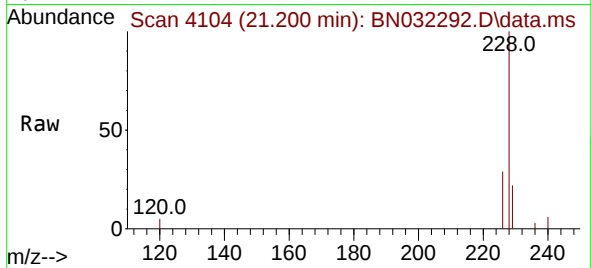
Tgt Ion:202 Resp: 105169
Ion Ratio Lower Upper
202 100
101 12.4 11.0 16.4
100 10.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.702 ng/ul m
RT: 21.200 min Scan# 4107
Delta R.T. -0.015 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

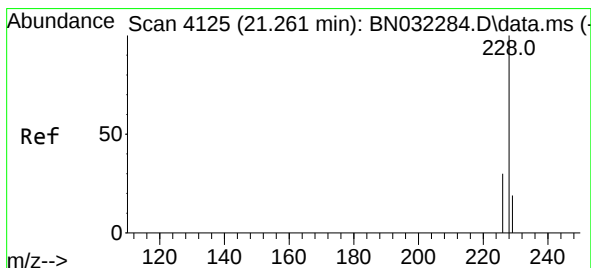
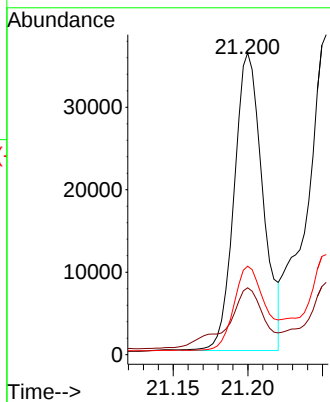
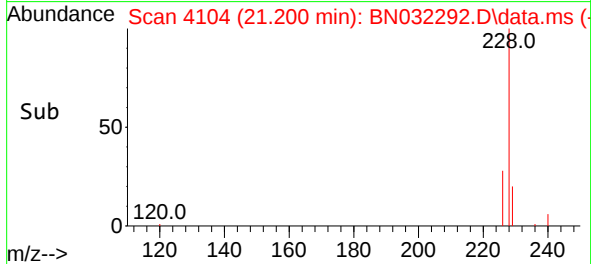
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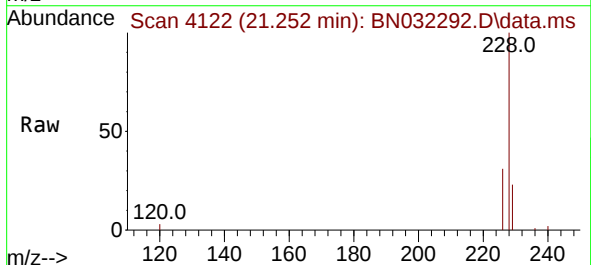
Tgt Ion:228 Resp: 48238
Ion Ratio Lower Upper
228 100
229 22.2 15.7 23.5
226 29.3 21.8 32.8

Manual Integrations
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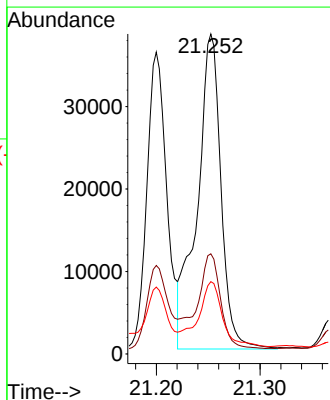
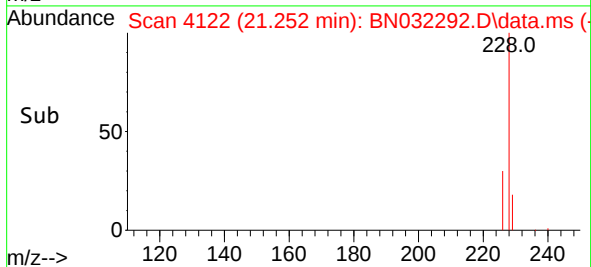
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

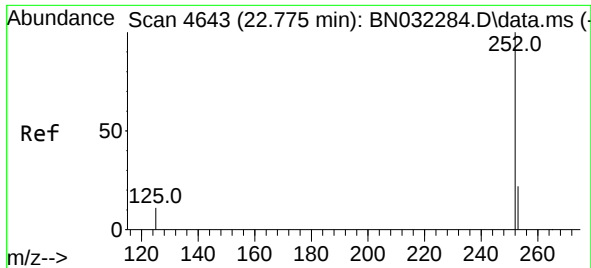


#22
Chrysene
Concen: 0.814 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31



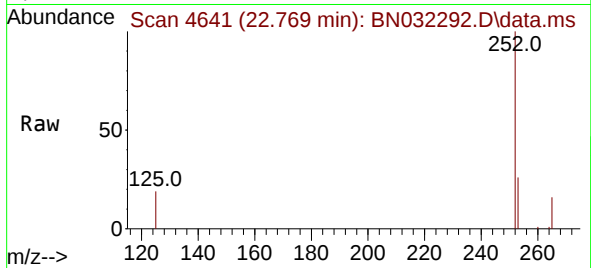
Tgt Ion:228 Resp: 61341
Ion Ratio Lower Upper
228 100
226 31.3 23.6 35.4
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.030 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

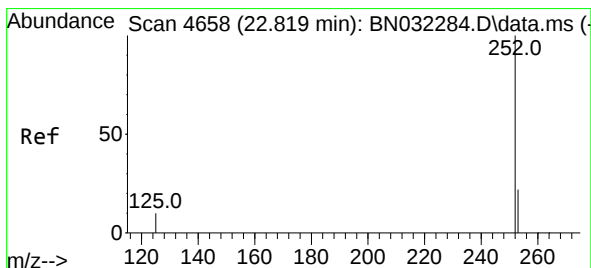
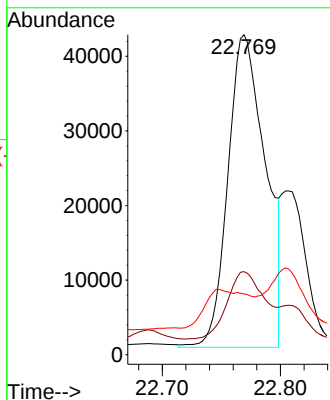
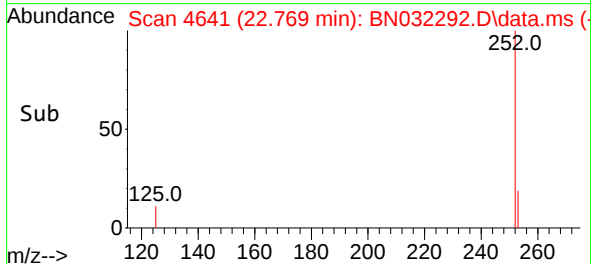
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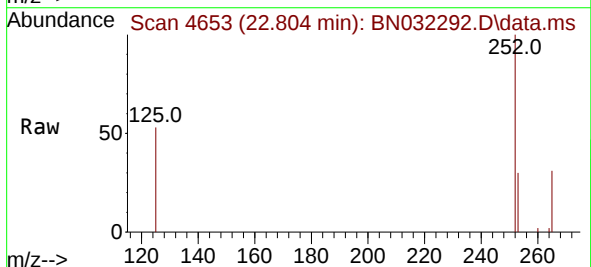
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Ion Ratio Lower Upper
252 100
253 25.9 0.0 50.2
125 19.0 0.0 32.0

Manual Integrations
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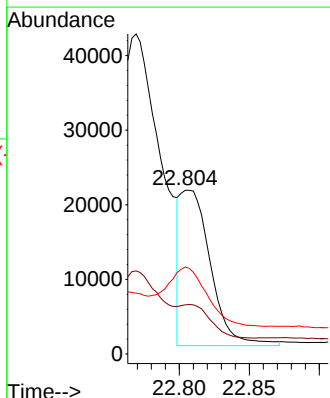
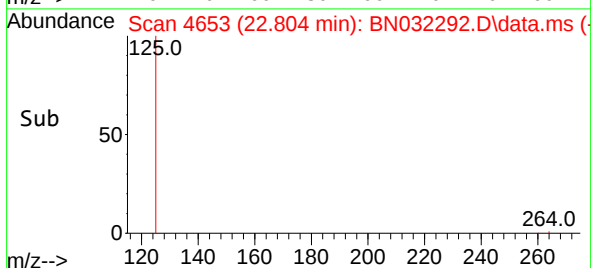
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

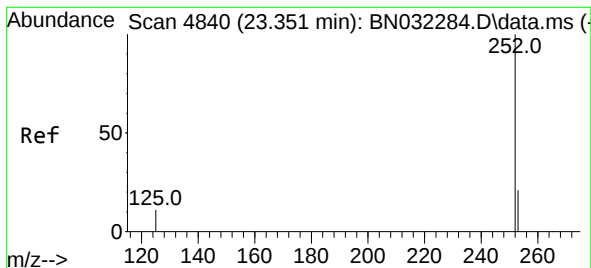


#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.023 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31



Tgt Ion:252 Resp: 31319
Ion Ratio Lower Upper
252 100
253 30.0 20.3 30.5
125 53.1 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.871 ng/ul m

RT: 23.336 min Scan# 4835

Delta R.T. -0.023 min

Lab File: BN032292.D

Acq: 27 Jun 2024 22:31

Instrument :

BNA_N

ClientSampleId :

A4B46

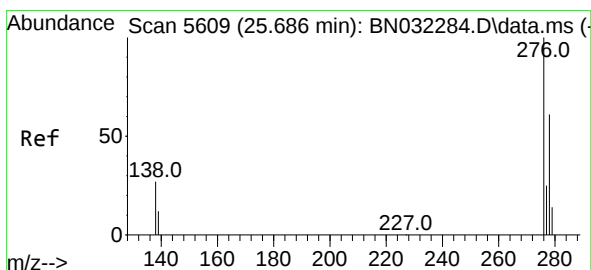
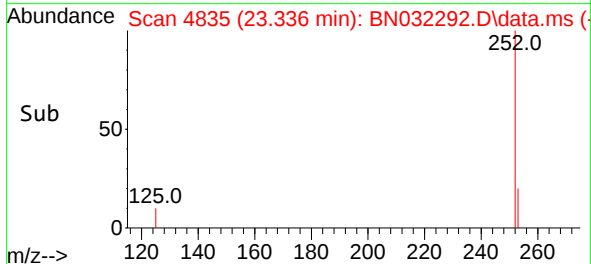
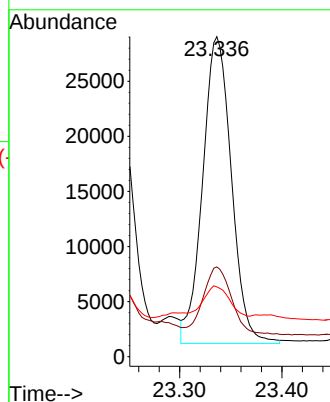
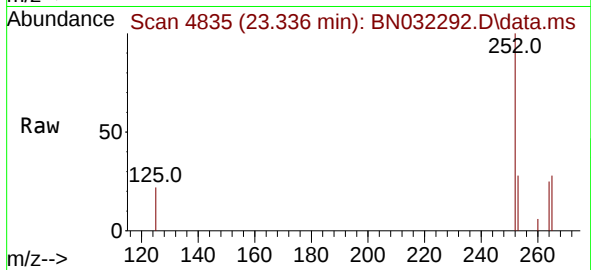
Tgt Ion:	252	Resp:	5436
Ion Ratio	Lower	Upper	
252	100		
253	28.0	22.2	33.2
125	21.8	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 06/28/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.481 ng/ul m

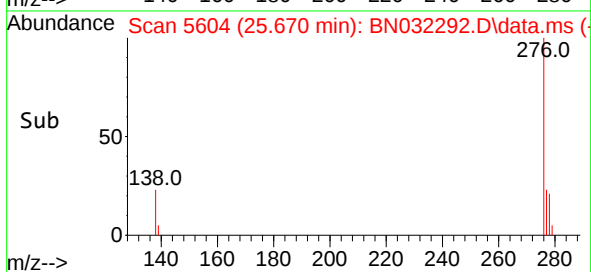
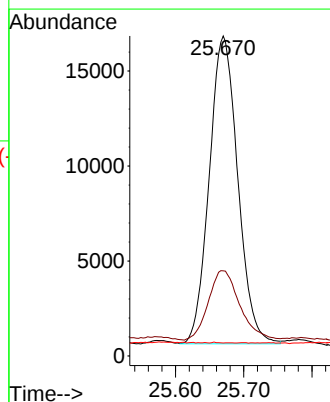
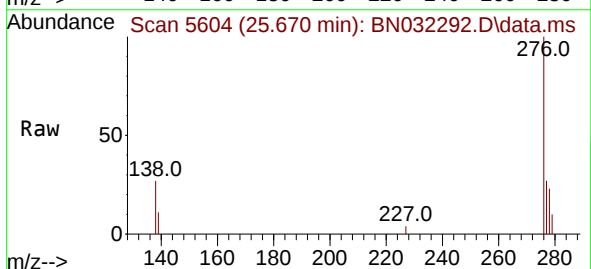
RT: 25.670 min Scan# 5604

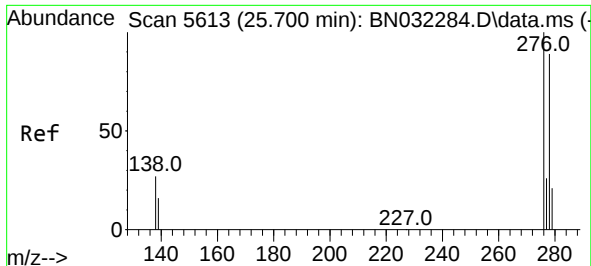
Delta R.T. -0.030 min

Lab File: BN032292.D

Acq: 27 Jun 2024 22:31

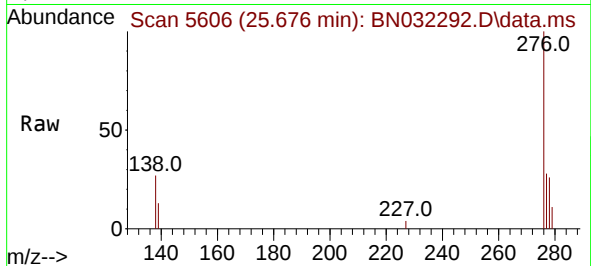
Tgt Ion:	276	Resp:	47032
Ion Ratio	Lower	Upper	
276	100		
138	2.2	21.3	31.9#
227	0.0	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.167 ng/ul m
RT: 25.676 min Scan# 5613
Delta R.T. -0.034 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

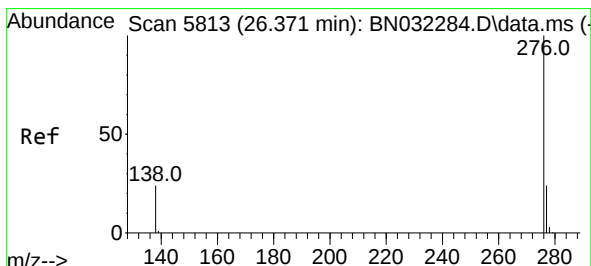
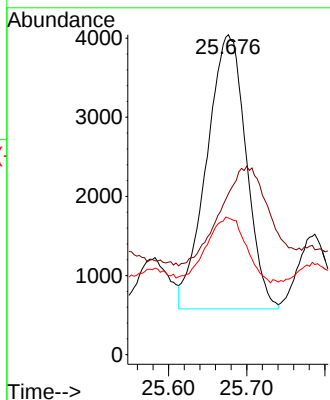
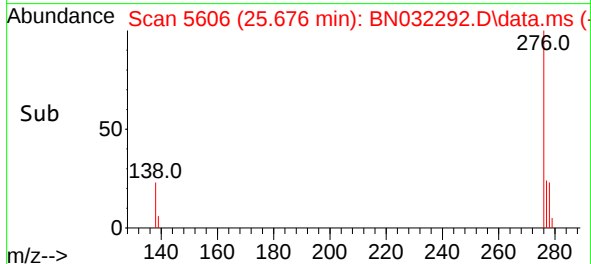
Instrument :
BNA_N
ClientSampleId :
A4B46



Tgt Ion:278 Resp: 12160
Ion Ratio Lower Upper
278 100
139 50.4 15.9 23.9
279 42.7 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#29
Benzo(g,h,i)perylene
Concen: 0.608 ng/ul m
RT: 26.361 min Scan# 5810
Delta R.T. -0.020 min
Lab File: BN032292.D
Acq: 27 Jun 2024 22:31

Tgt Ion:276 Resp: 47367
Ion Ratio Lower Upper
276 100
138 26.8 19.8 29.6
277 27.1 19.8 29.6

