

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032297.D
 Acq On : 28 Jun 2024 01:31
 Operator : MA/JU
 Sample : P2909-20DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B43DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 04:00:26 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	7.620	152	8104	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	23158	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	13147	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.015	188	26499	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	23698	0.400	ng/ul	-0.01
23) Perylene-d12	23.434	264	28547	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	5426	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	1233	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	2682	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.441	128	1719	0.028	ng/ul#	78
10) Acenaphthylene	13.983	152	3072	0.056	ng/ul#	90
11) Acenaphthene	14.326	153	3308	0.078	ng/ul	98
12) Fluorene	15.320	166	3516	0.070	ng/ul#	99
15) Phenanthrene	17.057	178	76670	1.055	ng/ul	100
16) Anthracene	17.150	178	17991	0.278	ng/ul	97
19) Fluoranthene	19.081	202	144182	1.598	ng/ul	99
20) Pyrene	19.448	202	132350	1.403	ng/ul	98
21) Benzo(a)anthracene	21.198	228	67196	0.786	ng/ul	98
22) Chrysene	21.254	228	73921m	0.787	ng/ul	
24) Benzo(b)fluoranthene	22.771	252	95961m	0.774	ng/ul	
25) Benzo(k)fluoranthene	22.809	252	33023m	0.274	ng/ul	
26) Benzo(a)pyrene	23.338	252	65066	0.754	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.668	276	49788	0.368	ng/ul	91
28) Dibenzo(a,h)anthracene	25.675	278	12519	0.125	ng/ul#	69
29) Benzo(g,h,i)perylene	26.359	276	47754	0.444	ng/ul	97

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

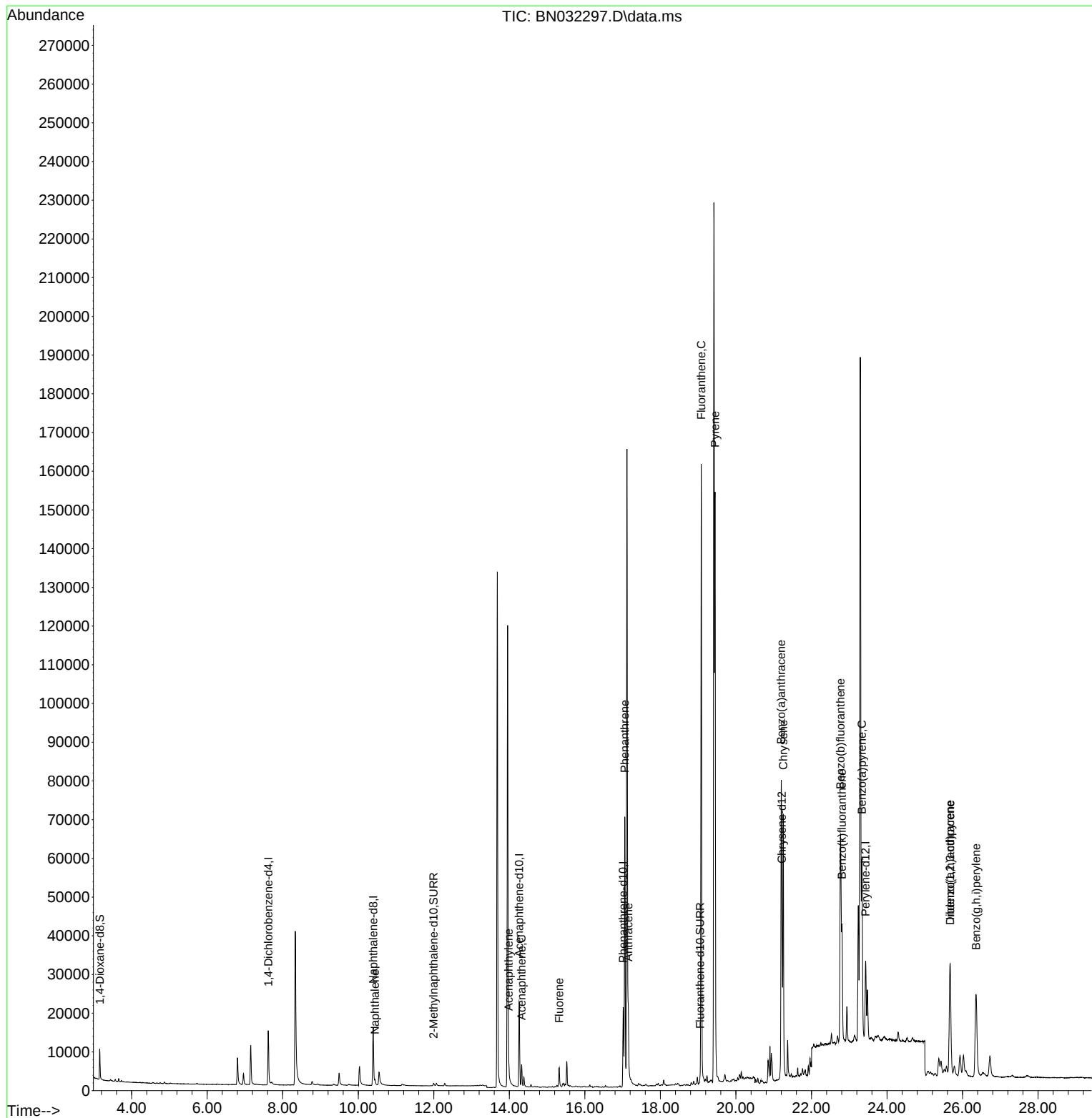
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032297.D
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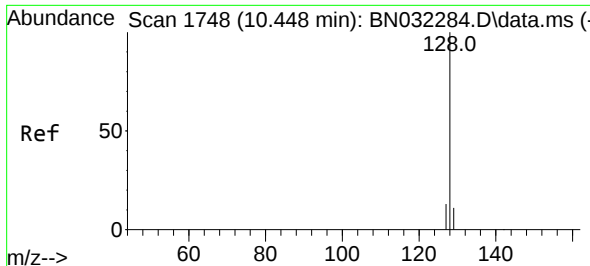
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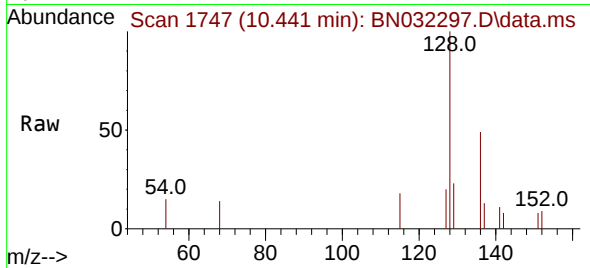
Quant Time: Jun 28 04:00:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#5
Naphthalene
Concen: 0.028 ng/u1
RT: 10.441 min Scan# 1747
Delta R.T. -0.007 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

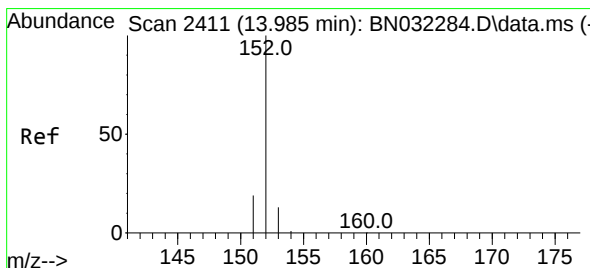
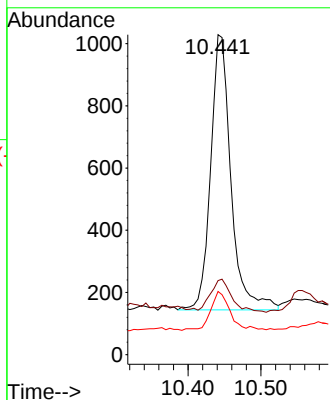
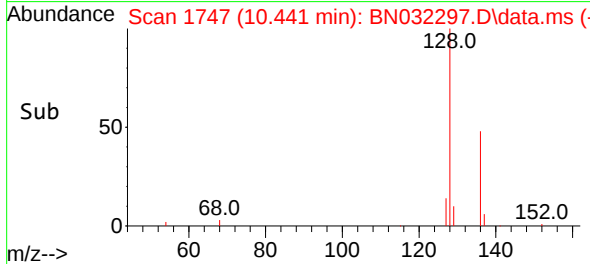
Instrument :
BNA_N
ClientSampleId :
A4B43DL



Tgt Ion:128 Resp: 1719
Ion Ratio Lower Upper
128 100
129 23.1 9.2 13.8#
127 19.7 10.8 16.2#

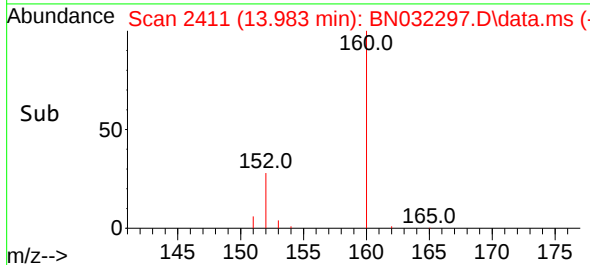
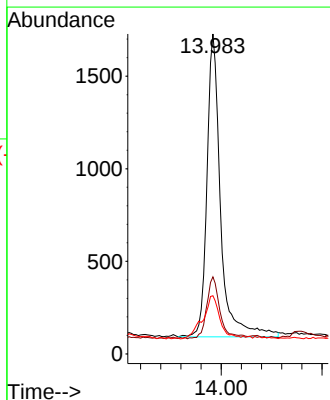
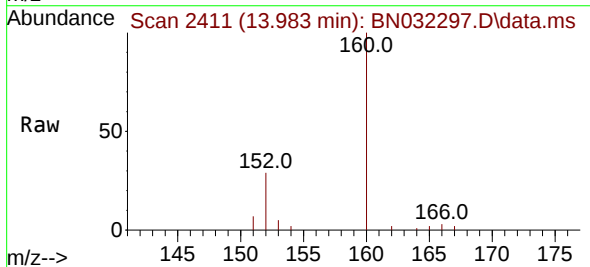
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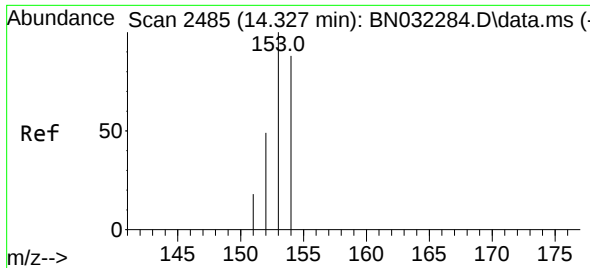
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#10
Acenaphthylene
Concen: 0.056 ng/u1
RT: 13.983 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

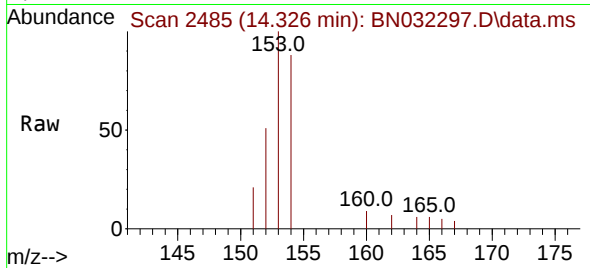
Tgt Ion:152 Resp: 3072
Ion Ratio Lower Upper
152 100
151 24.1 15.7 23.5#
153 18.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.326 min Scan# 2485
Delta R.T. -0.006 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

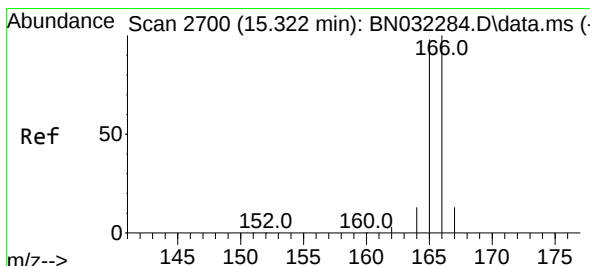
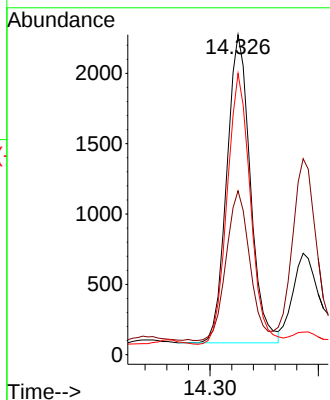
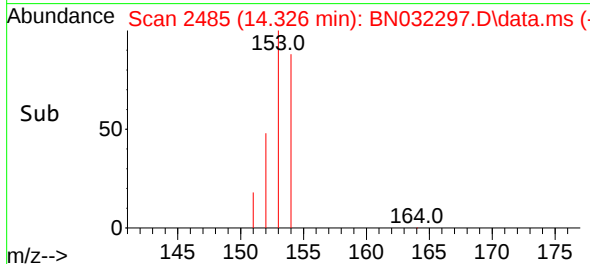
Instrument :
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ClientSampleId :
A4B43DL



Tgt Ion:153 Resp: 3308
Ion Ratio Lower Upper
153 100
152 51.2 39.5 59.3
154 87.9 71.7 107.5

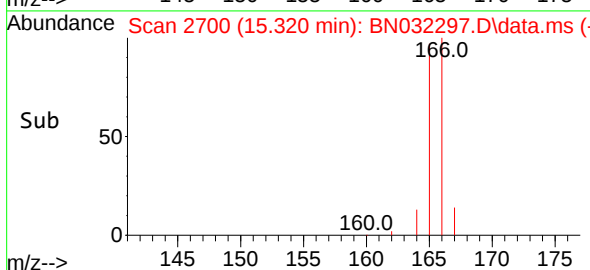
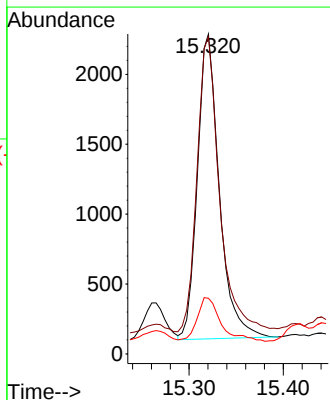
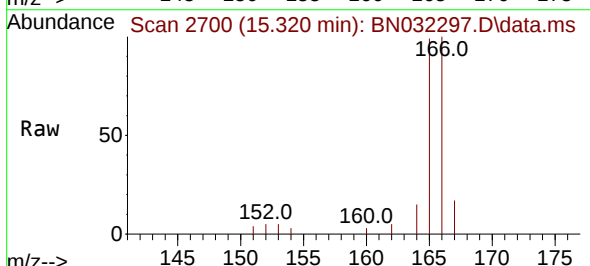
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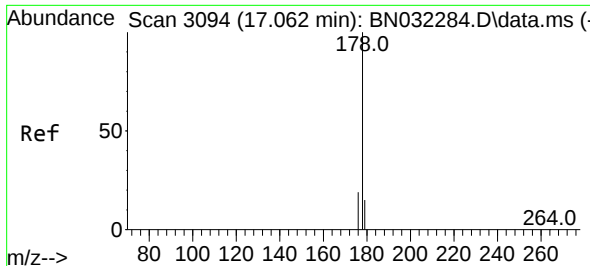
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.320 min Scan# 2700
Delta R.T. -0.006 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

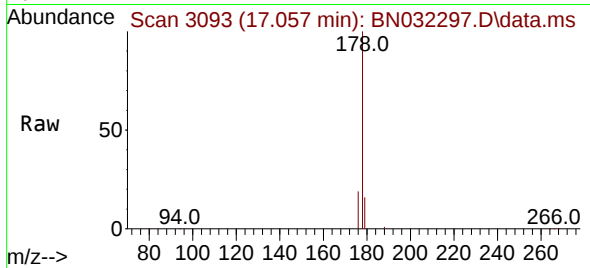
Tgt Ion:166 Resp: 3516
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 17.4 11.0 16.6#





#15
Phenanthrene
Concen: 1.055 ng/u1
RT: 17.057 min Scan# 3094
Delta R.T. -0.010 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

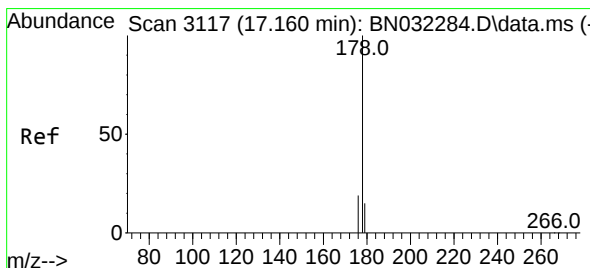
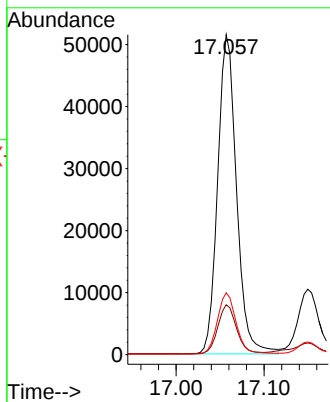
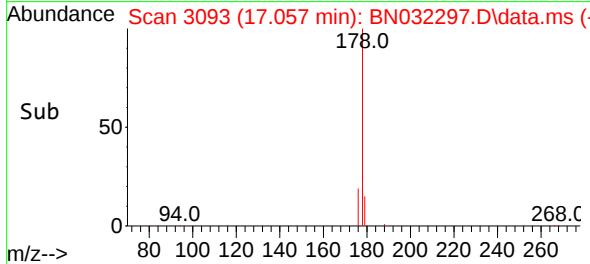
Instrument :
BNA_N
ClientSampleId :
A4B43DL



Tgt Ion:178 Resp: 76670
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.3 15.6 23.4

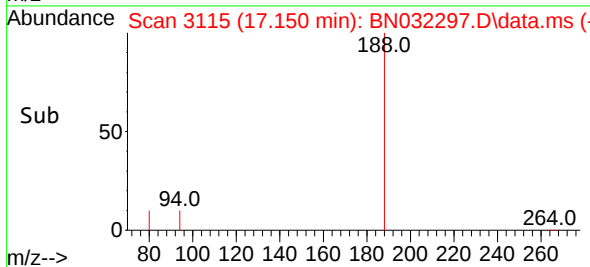
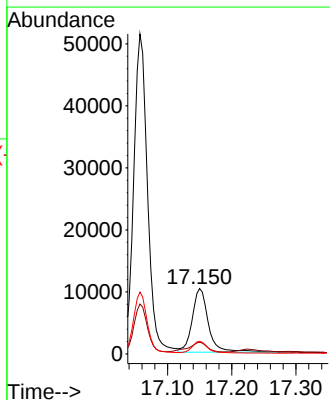
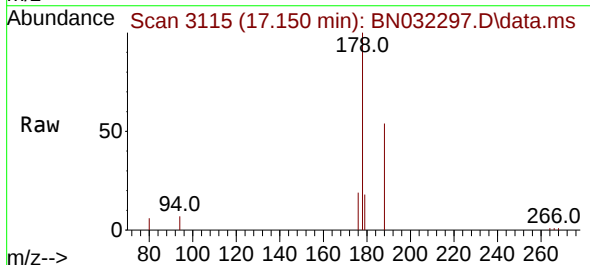
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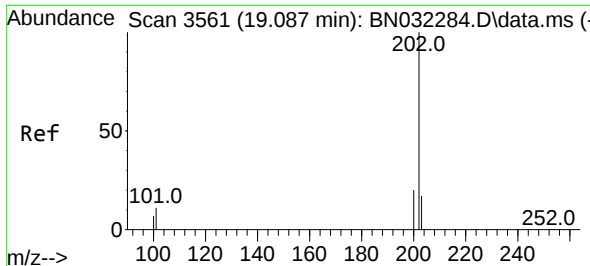
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 0.278 ng/u1
RT: 17.150 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

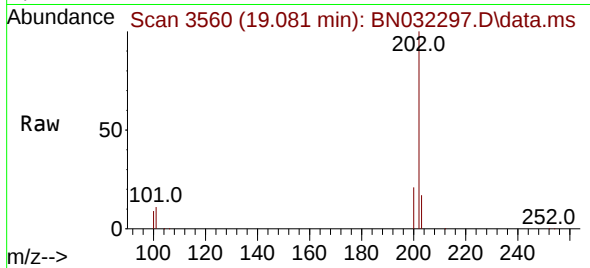
Tgt Ion:178 Resp: 17991
Ion Ratio Lower Upper
178 100
179 18.0 12.5 18.7
176 19.3 15.0 22.6





#19
Fluoranthene
Concen: 1.598 ng/u1
RT: 19.081 min Scan# 3560
Delta R.T. -0.011 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

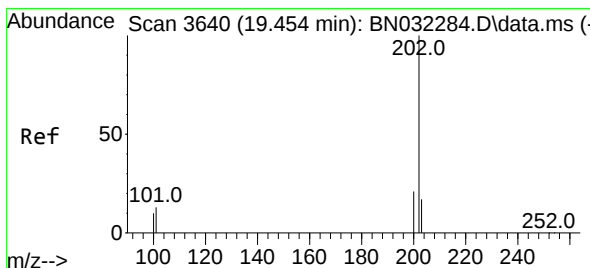
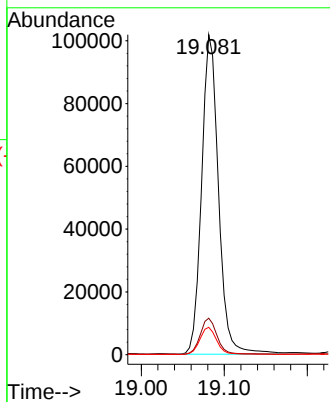
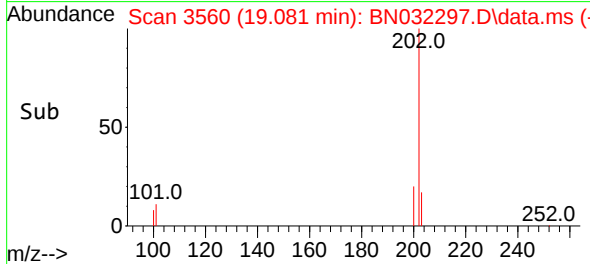
Instrument :
BNA_N
ClientSampleId :
A4B43DL



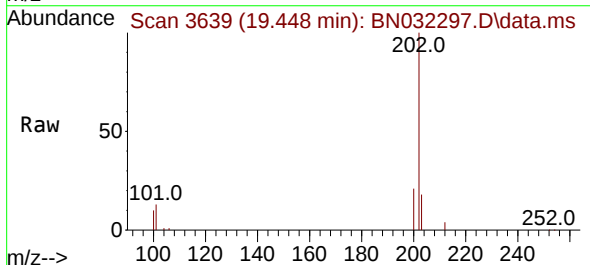
Tgt Ion:202 Resp: 14418
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.6 6.4 9.6

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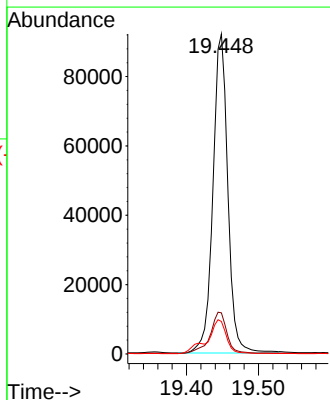
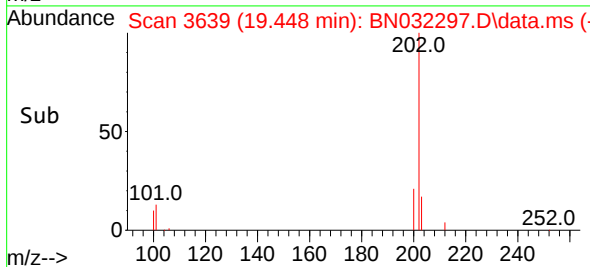
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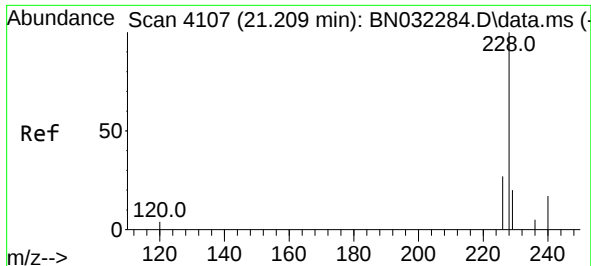


#20
Pyrene
Concen: 1.403 ng/u1
RT: 19.448 min Scan# 3639
Delta R.T. -0.006 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31



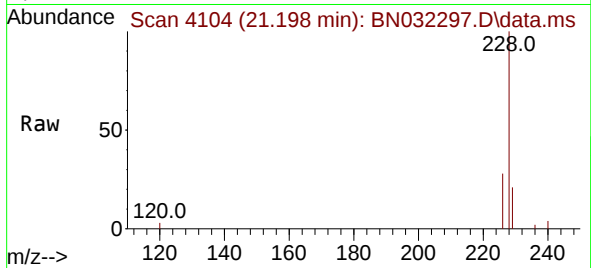
Tgt Ion:202 Resp: 132350
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.786 ng/ul
RT: 21.198 min Scan# 4107
Delta R.T. -0.016 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

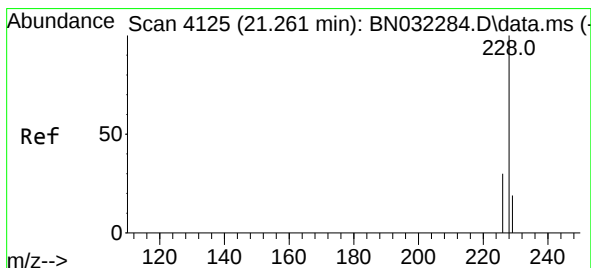
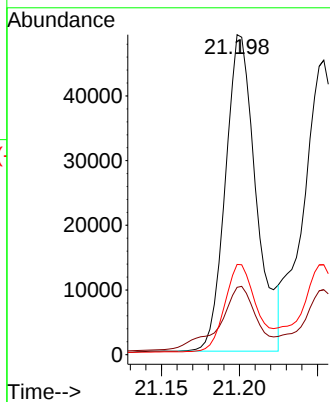
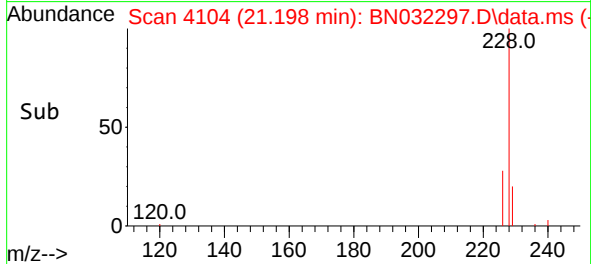
Instrument :
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Tgt Ion:228 Resp: 67190
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.2 21.8 32.8

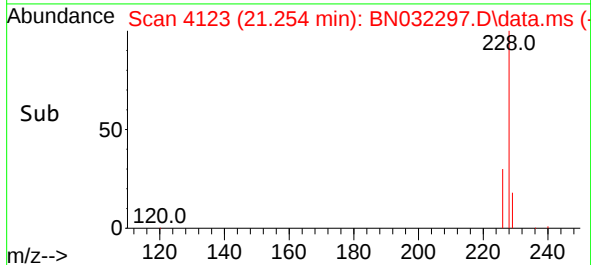
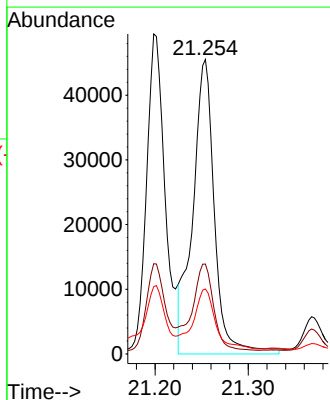
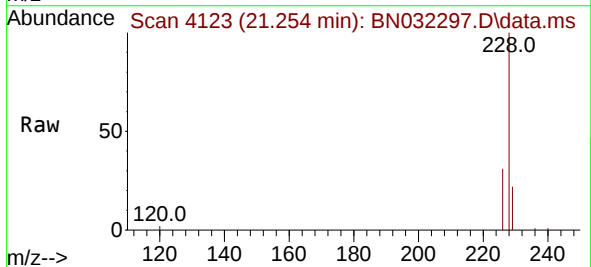
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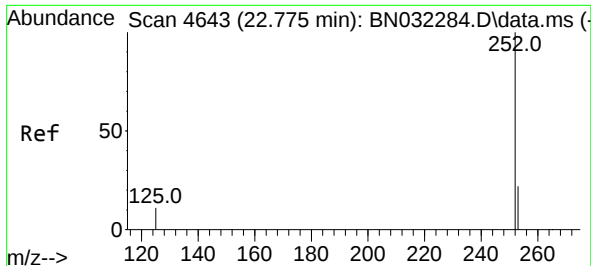
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#22
Chrysene
Concen: 0.787 ng/ul m
RT: 21.254 min Scan# 4123
Delta R.T. -0.013 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

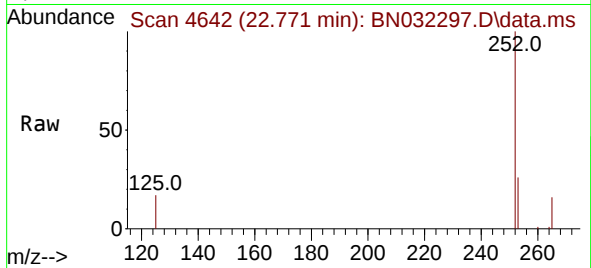
Tgt Ion:228 Resp: 73921
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.774 ng/ul m
RT: 22.771 min Scan# 4642
Delta R.T. -0.013 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

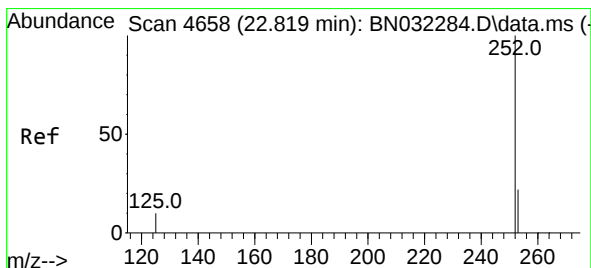
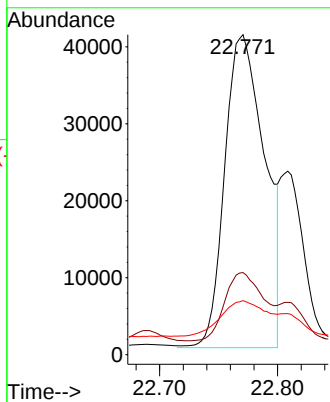
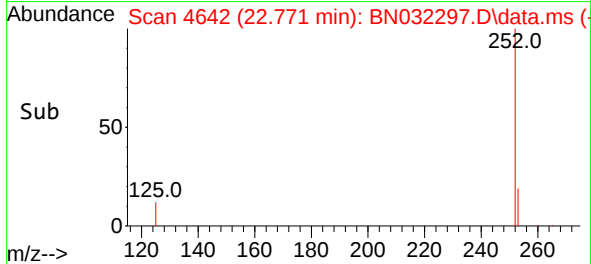
Instrument :
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A4B43DL



Tgt Ion:252 Resp: 9596
Ion Ratio Lower Upper
252 100
253 25.7 0.0 50.2
125 16.9 0.0 32.0

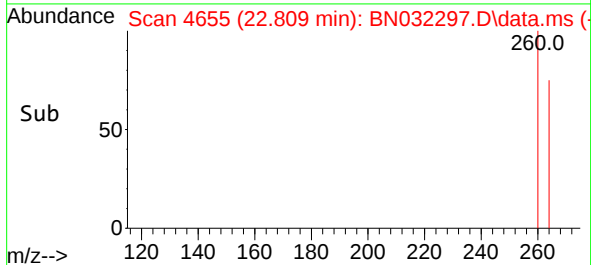
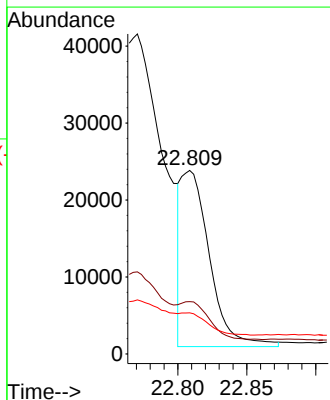
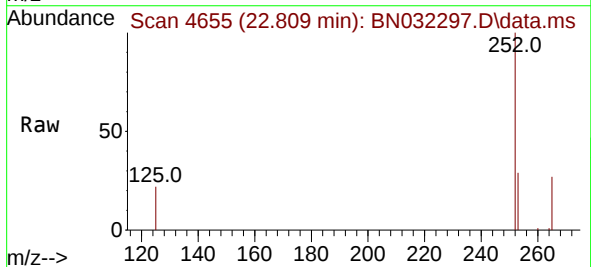
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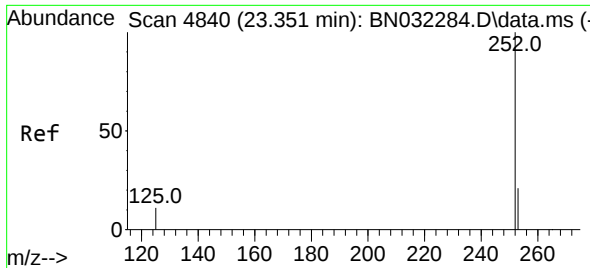
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul m
RT: 22.809 min Scan# 4655
Delta R.T. -0.019 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

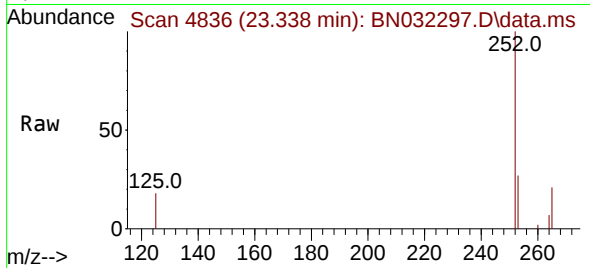
Tgt Ion:252 Resp: 33023
Ion Ratio Lower Upper
252 100
253 28.5 20.3 30.5
125 22.4 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.754 ng/ul
RT: 23.338 min Scan# 4836
Delta R.T. -0.022 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31

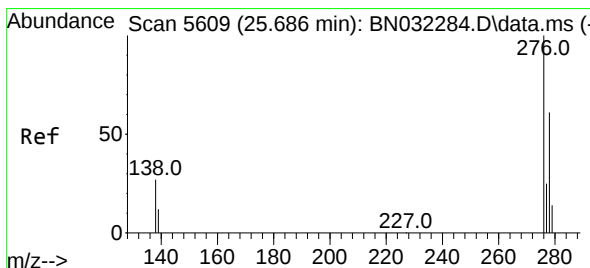
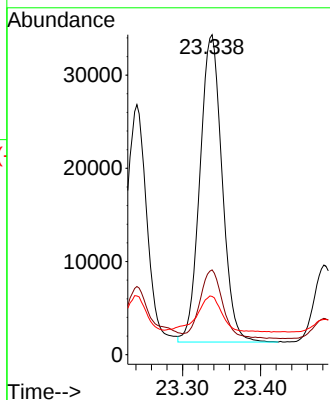
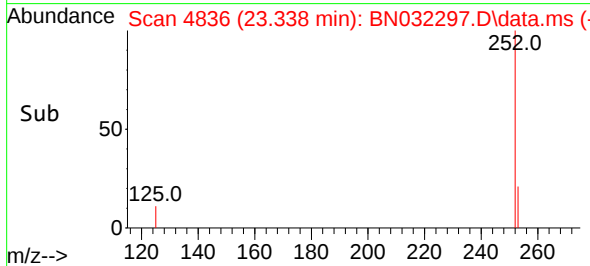
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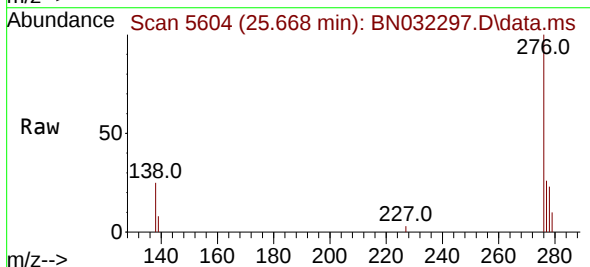
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Ion Ratio Lower Upper
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125 18.2 16.4 24.6

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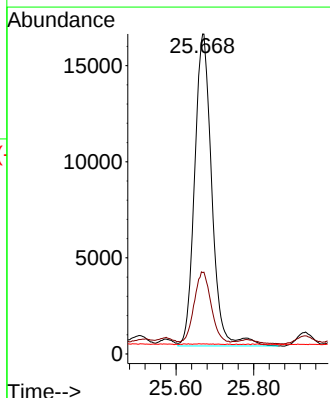
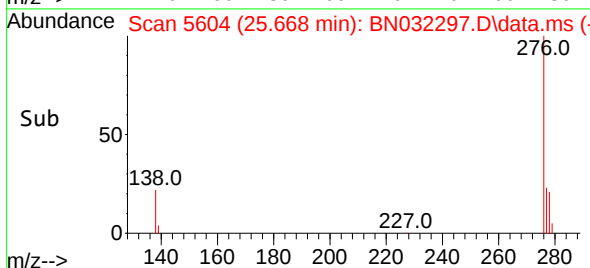
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

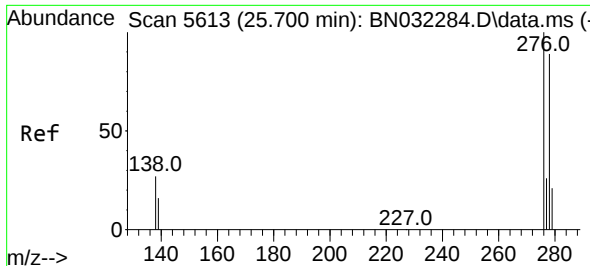


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. -0.032 min
Lab File: BN032297.D
Acq: 28 Jun 2024 01:31



Tgt Ion:276 Resp: 49788
Ion Ratio Lower Upper
276 100
138 22.0 21.3 31.9
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.125 ng/ul

RT: 25.675 min Scan# 50

Delta R.T. -0.035 min

Lab File: BN032297.D

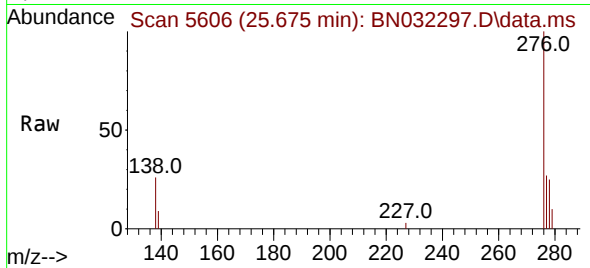
Acq: 28 Jun 2024 01:31

Instrument :

BNA_N

ClientSampleId :

A4B43DL



Tgt Ion:278 Resp: 12519

Ion Ratio Lower Upper

278 100

139 35.7 15.9 23.9

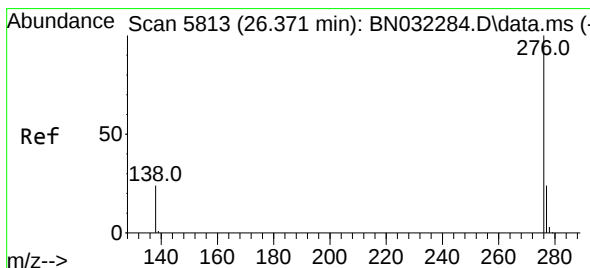
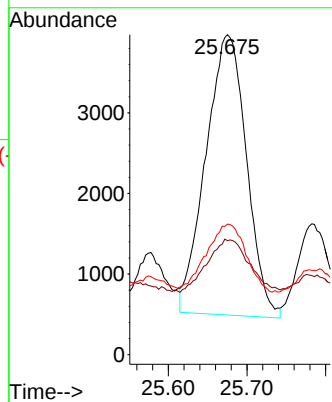
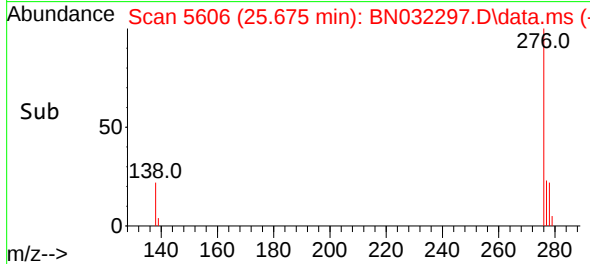
279 40.8 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/28/2024

Supervised By :mohammad ahmed 06/28/2024



#29

Benzo(g,h,i)perylene

Concen: 0.444 ng/ul

RT: 26.359 min Scan# 5810

Delta R.T. -0.021 min

Lab File: BN032297.D

Acq: 28 Jun 2024 01:31

Tgt Ion:276 Resp: 47754

Ion Ratio Lower Upper

276 100

138 26.3 19.8 29.6

277 26.4 19.8 29.6

