

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031826.D
 Acq On : 06 Jun 2024 19:52
 Operator : MA/JU
 Sample : P2634-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:51:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	377483	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1553077	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	927899	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1823629	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1133153	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1270310	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	59315	6.501	ng/uL	0.00
4) Pyridine-d5	3.587	84	760192	29.597	ng/u1	-0.01
7) Phenol-d5	6.846	99	1120111	34.613	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	628767	33.218	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	887894	35.959	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	829456	31.444	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	441624	37.190	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	468354	38.181	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.075	165	789025	34.455	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	844077	24.825	ng/u1	-0.02
46) Dimethylphthalate-d6	13.728	166	2135208	33.031	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2627386	35.348	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.522	143	392830	30.351	ng/u1	0.00
60) Fluorene-d10	15.310	176	1893849	34.625	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	261942	28.576	ng/u1	0.00
73) Anthracene-d10	17.163	188	2791730	35.758	ng/u1	0.00
81) Pyrene-d10	19.463	212	2750871	45.366	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2208589	36.411	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.034	152	272451	3.243	ng/u1	99
72) Phenanthrene	17.104	178	1505163	16.202	ng/u1	97
74) Anthracene	17.192	178	285260	3.030	ng/u1	99
77) Carbazole	17.469	167	132902	1.656	ng/u1	98
80) Fluoranthene	19.127	202	2994555	41.323	ng/u1	100
82) Pyrene	19.492	202	2871666	38.623	ng/u1	98
85) Benzo(a)anthracene	21.280	228	1164876	15.358	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.210	149	69110	1.350	ng/u1	97
87) Chrysene	21.339	228	1315682	18.571	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	1671299	22.011	ng/u1	98
91) Benzo(k)fluoranthene	23.363	252	512588m	6.880	ng/u1	
93) Benzo(a)pyrene	24.098	252	1162136	16.342	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	863102m	10.532	ng/u1	
95) Dibenzo(a,h)anthracene	27.568	278	225179m	3.366	ng/u1	
96) Benzo(g,h,i)perylene	28.562	276	839394m	12.885	ng/u1	

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

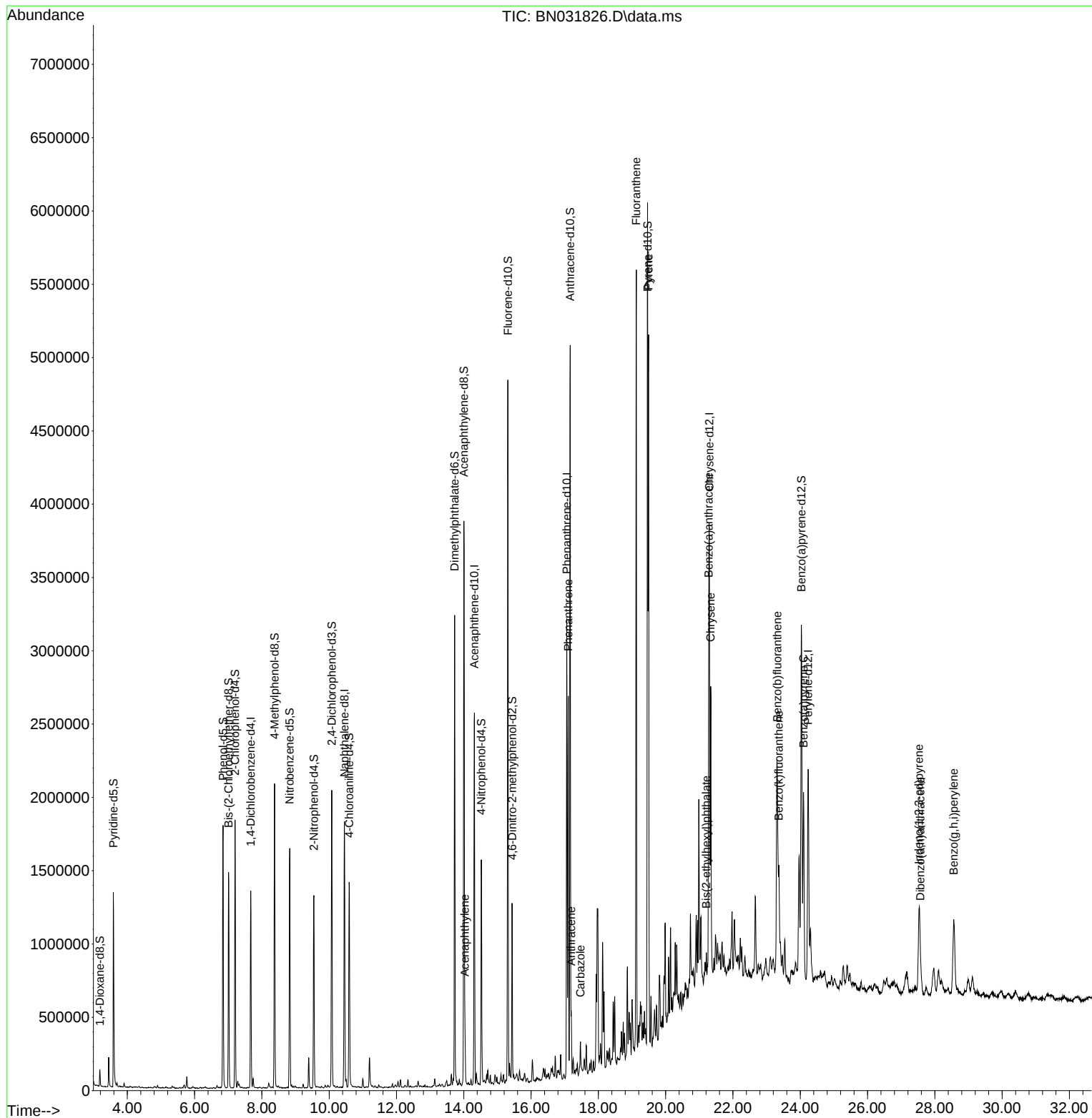
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
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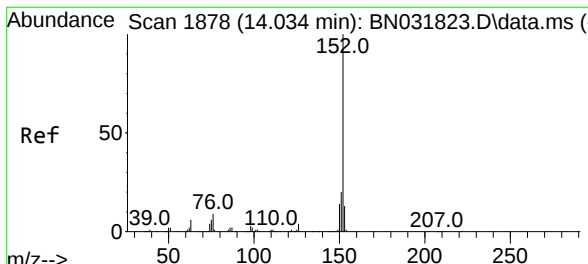
Instrument :
 BNA_N
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Quant Time: Jun 06 23:51:09 2024
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 Quant Title : SVOA CALIBRATION
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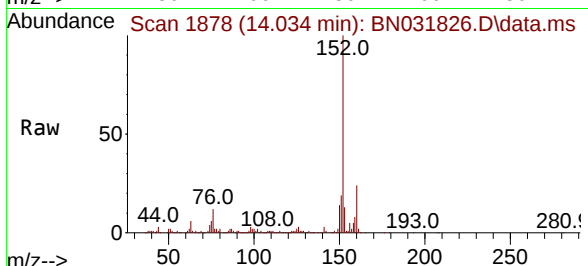
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024





#50
Acenaphthylene
Concen: 3.243 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52

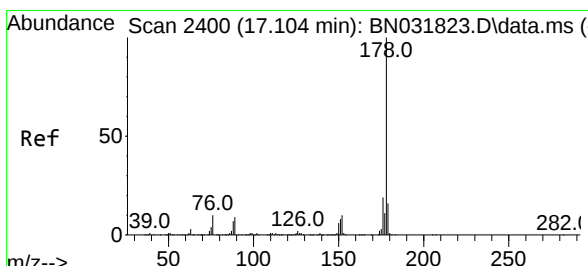
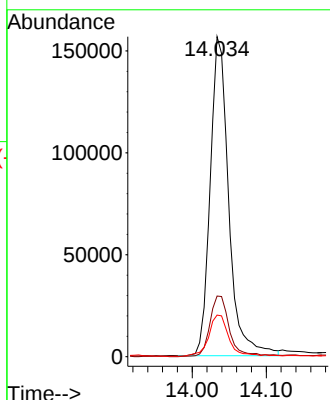
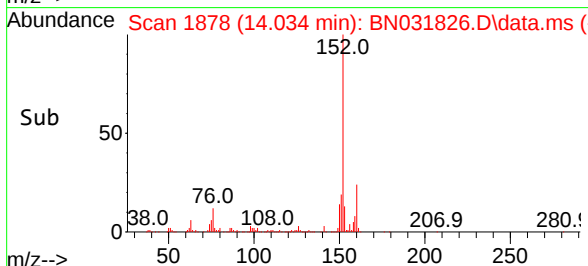
Instrument : BNA_N
ClientSampleId : BHBX4



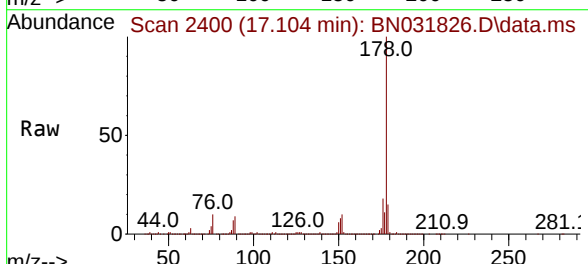
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Ion Ratio Lower Upper
152 100
151 18.9 15.9 23.9
153 13.0 10.4 15.6

Manual Integrations
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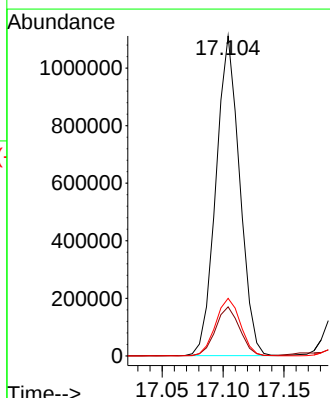
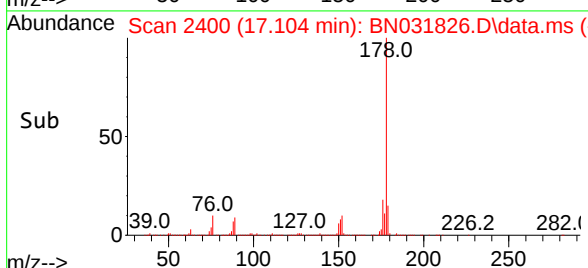
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

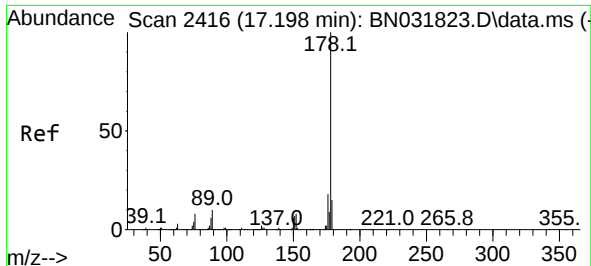


#72
Phenanthrene
Concen: 16.202 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52



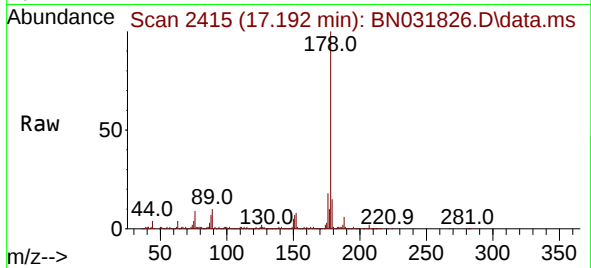
Tgt Ion:178 Resp: 1505163
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.0 15.8 23.6





#74
 Anthracene
 Concen: 3.030 ng/ul
 RT: 17.192 min Scan# 2415
 Delta R.T. -0.012 min
 Lab File: BN031826.D
 Acq: 06 Jun 2024 19:52

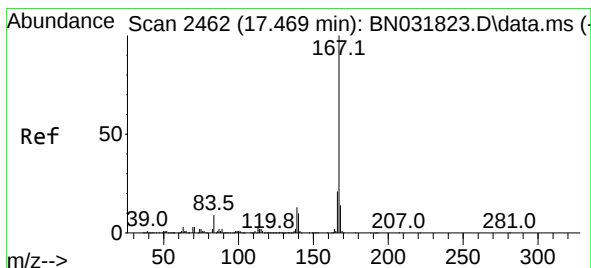
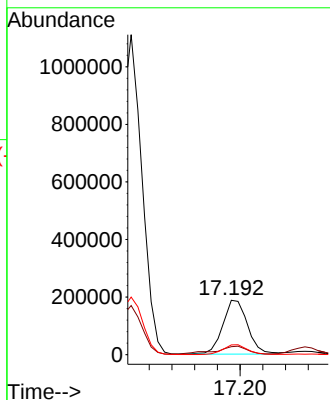
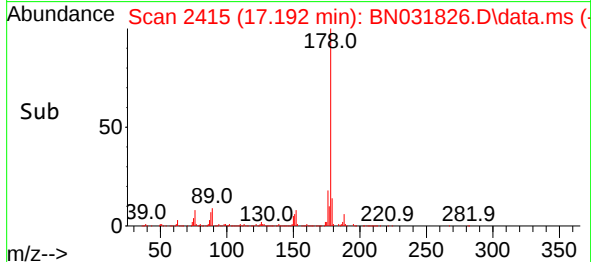
Instrument :
 BNA_N
 ClientSampleId :
 BHBX4



Tgt Ion:178 Resp: 285260
 Ion Ratio Lower Upper
 178 100
 179 14.7 11.8 17.6
 176 17.9 14.8 22.2

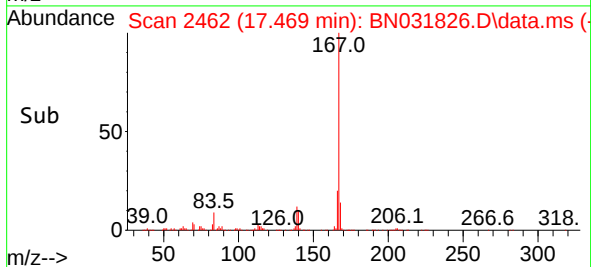
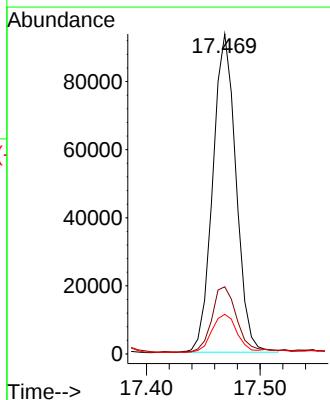
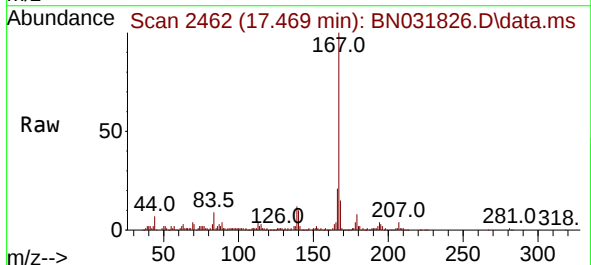
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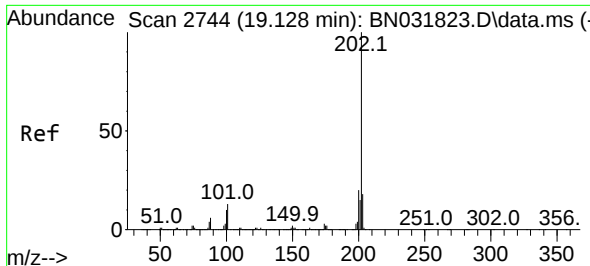
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024



#77
 Carbazole
 Concen: 1.656 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031826.D
 Acq: 06 Jun 2024 19:52

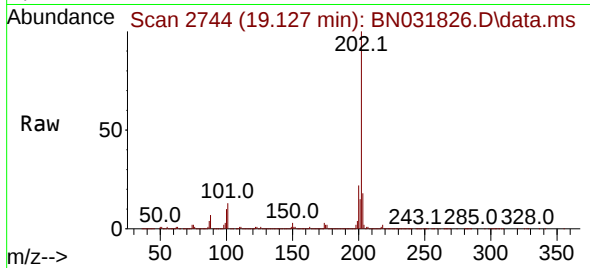
Tgt Ion:167 Resp: 132902
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.9 26.9
 139 12.4 10.5 15.7





#80
Fluoranthene
Concen: 41.323 ng/u1
RT: 19.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52

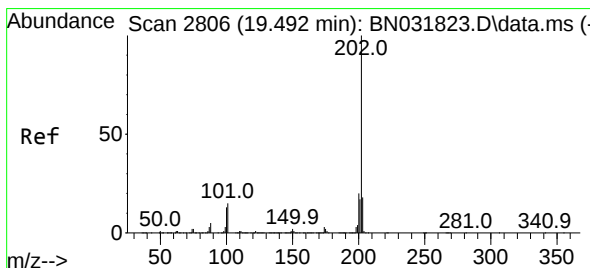
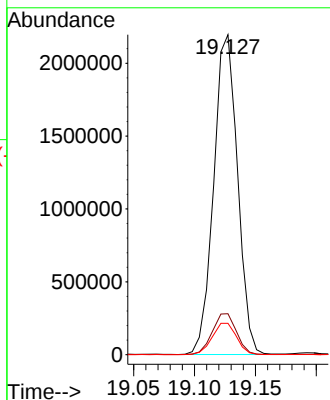
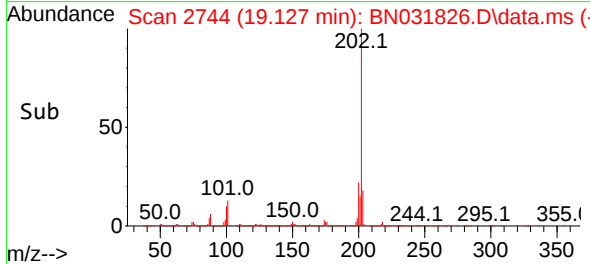
Instrument :
BNA_N
ClientSampleId :
BHBX4



Tgt Ion:202 Resp: 299455
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.8 8.0 12.0

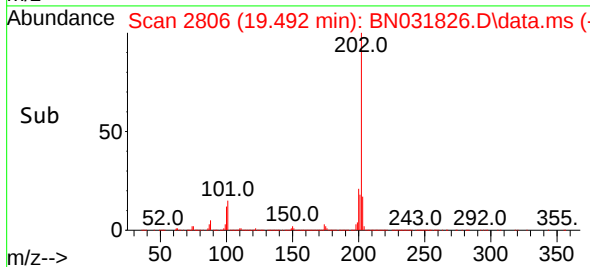
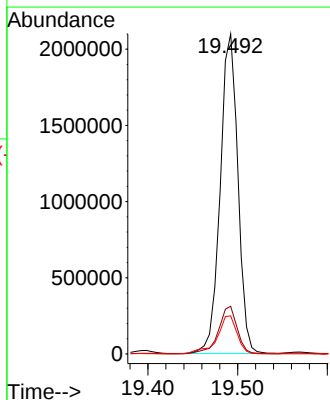
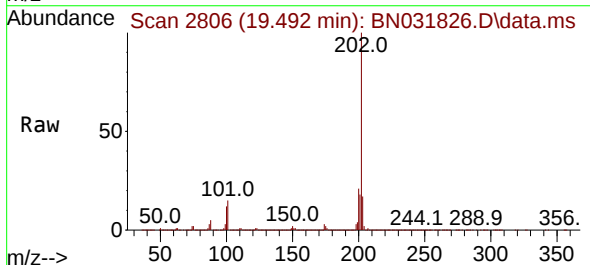
Manual Integrations
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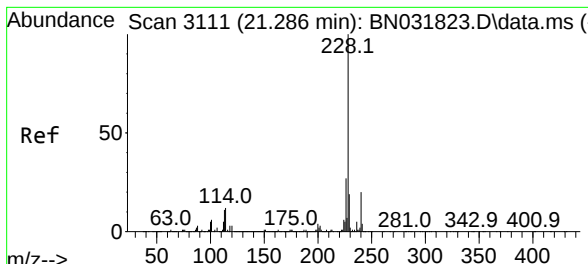
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#82
Pyrene
Concen: 38.623 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52

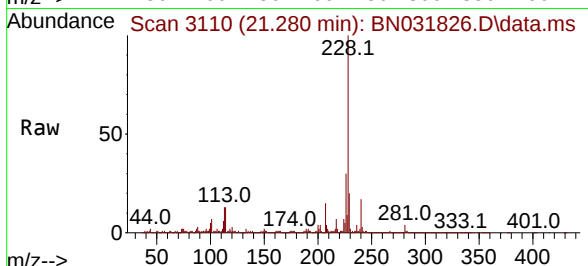
Tgt Ion:202 Resp: 2871666
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 11.9 10.2 15.2





#85
 Benzo(a)anthracene
 Concen: 15.358 ng/ul
 RT: 21.280 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BN031826.D
 Acq: 06 Jun 2024 19:52

Instrument :
 BNA_N
 ClientSampleId :
 BHBX4

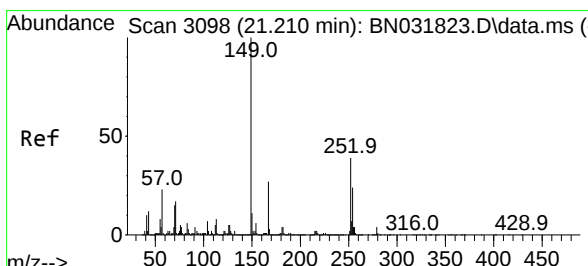
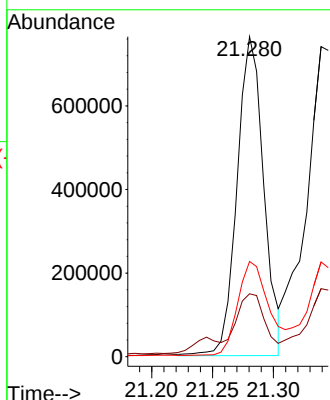
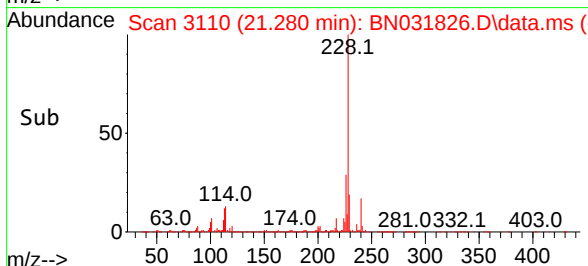


Tgt Ion:228 Resp: 1164870

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.7	25.1
226	29.8	22.8	34.2

Manual Integrations
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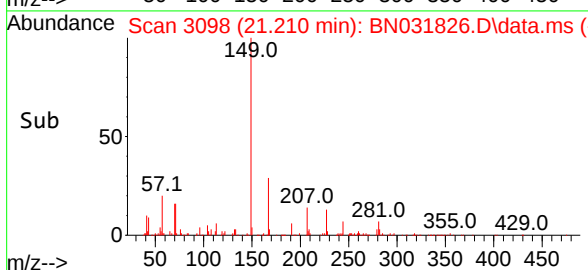
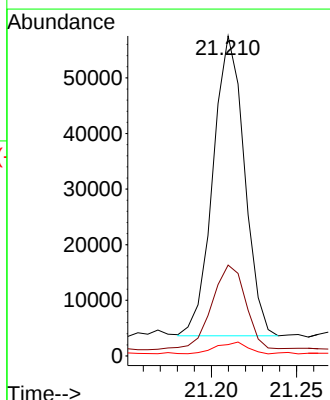
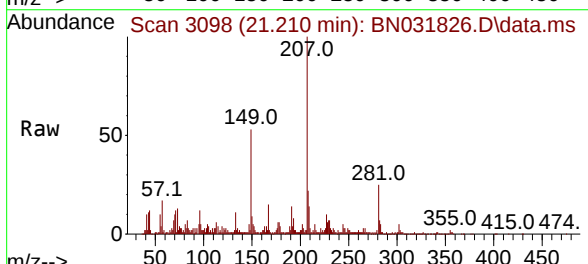
Reviewed By :Jagrut Upadhyay 06/07/2024
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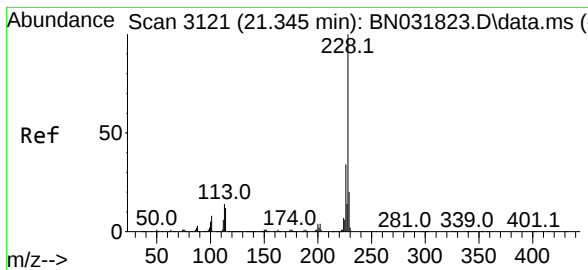


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.350 ng/ul
 RT: 21.210 min Scan# 3098
 Delta R.T. -0.012 min
 Lab File: BN031826.D
 Acq: 06 Jun 2024 19:52

Tgt Ion:149 Resp: 69110

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.4	32.0
279	3.6	3.3	4.9





#87

Chrysene

Concen: 18.571 ng/ul

RT: 21.339 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Instrument :

BNA_N

ClientSampleId :

BHBX4

Tgt Ion:228 Resp: 131568

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

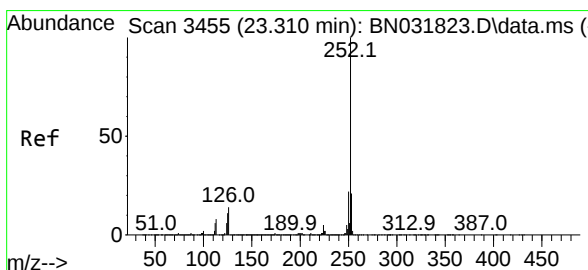
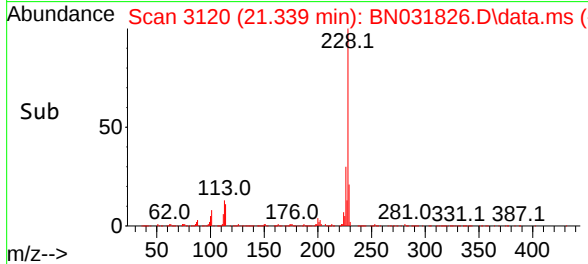
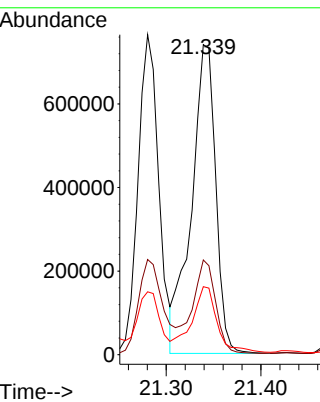
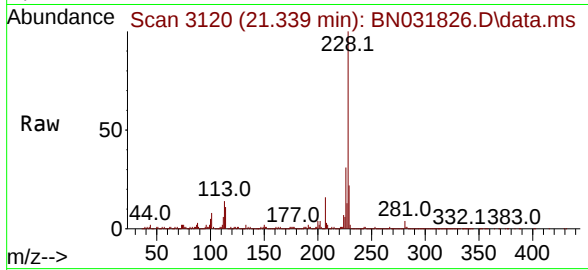
229 21.9 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/08/2024



#90

Benzo(b)fluoranthene

Concen: 22.011 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

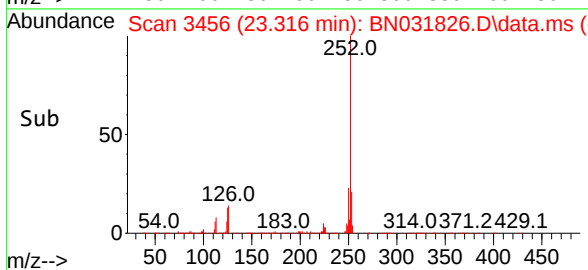
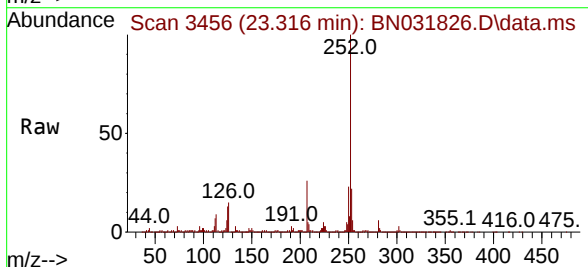
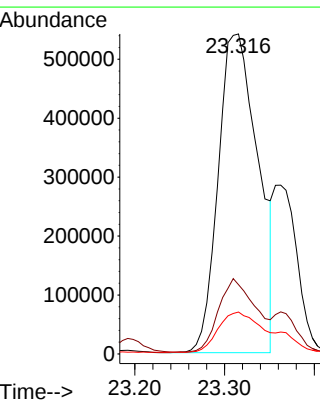
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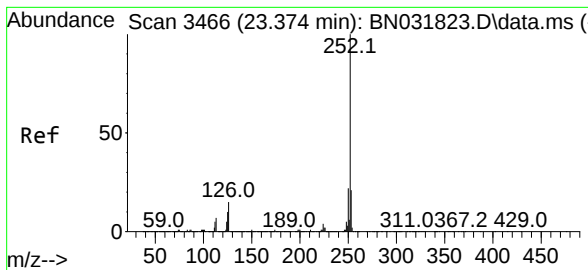
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 13.1 9.2 13.8





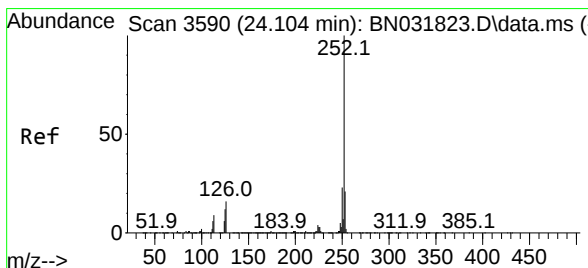
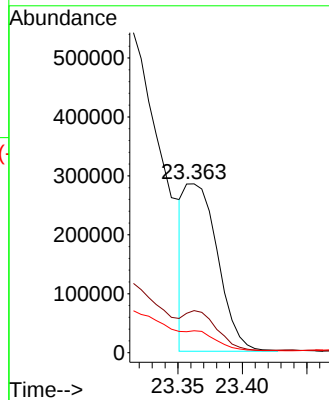
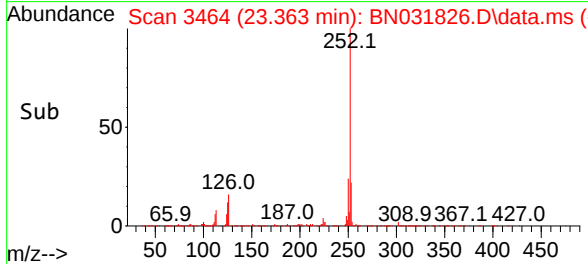
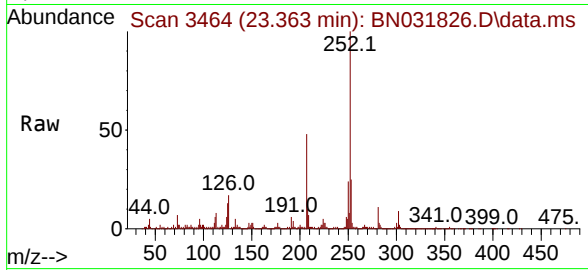
#91
Benzo(k)fluoranthene
Concen: 6.880 ng/ul m
RT: 23.363 min Scan# 3466
Delta R.T. -0.012 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52

Instrument : BNA_N
ClientSampleId : BHBX4

Tgt Ion:252 Resp: 512588
Ion Ratio Lower Upper
252 100
253 25.0 17.6 26.4
125 13.0 9.4 14.2

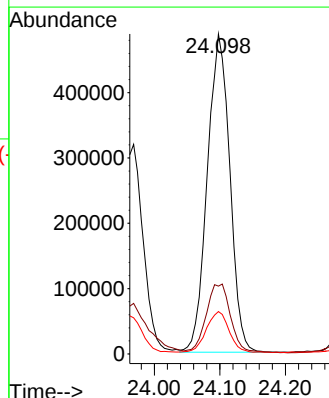
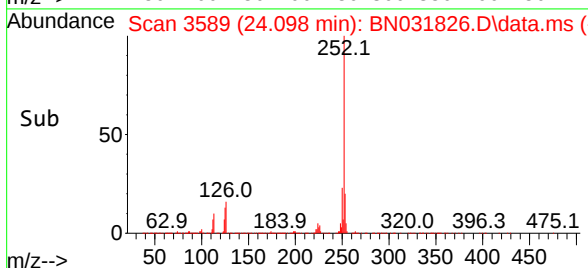
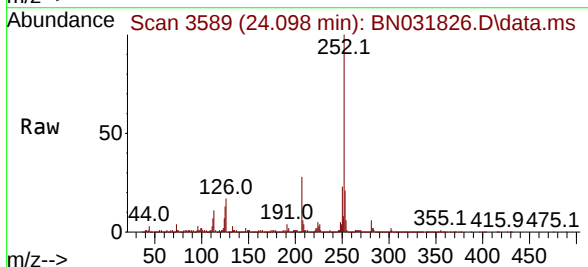
Manual Integrations
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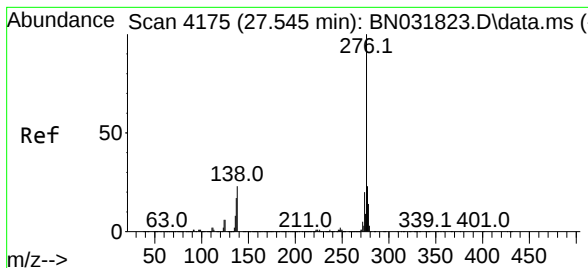
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#93
Benzo(a)pyrene
Concen: 16.342 ng/ul
RT: 24.098 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN031826.D
Acq: 06 Jun 2024 19:52

Tgt Ion:252 Resp: 1162136
Ion Ratio Lower Upper
252 100
253 21.2 16.6 24.8
125 13.2 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 10.532 ng/ul m

RT: 27.527 min Scan# 4172

Delta R.T. -0.006 min

Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Instrument :

BNA_N

ClientSampleId :

BHBX4

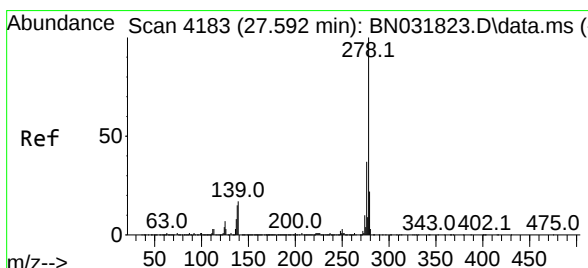
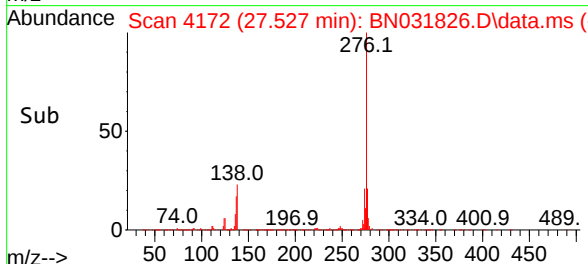
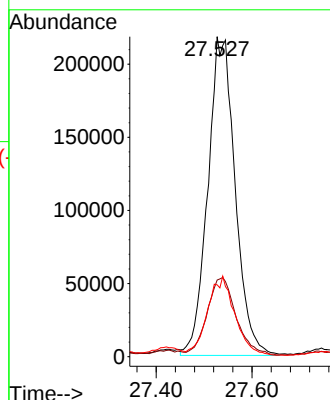
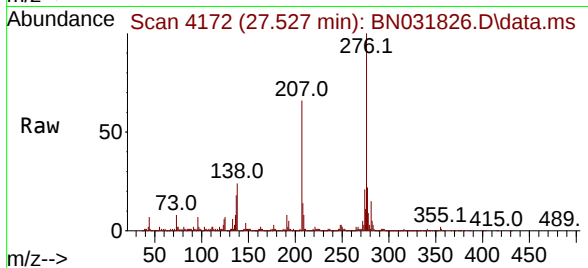
Tgt Ion:276 Resp: 86310

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.1	27.1
277	22.5	18.2	27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.366 ng/ul m

RT: 27.568 min Scan# 4179

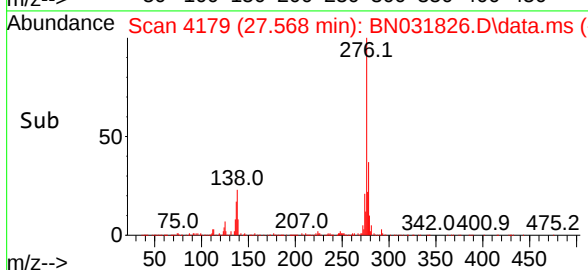
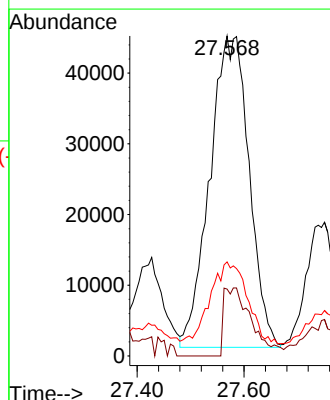
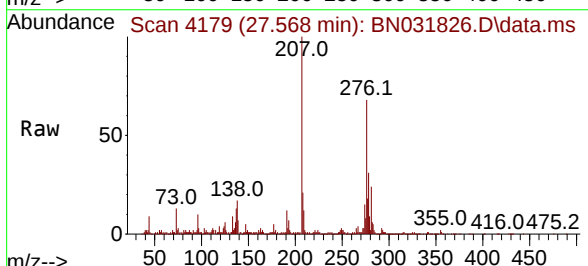
Delta R.T. -0.035 min

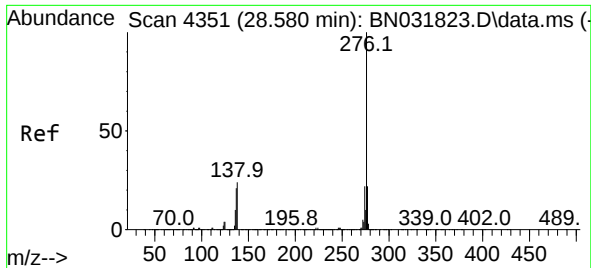
Lab File: BN031826.D

Acq: 06 Jun 2024 19:52

Tgt Ion:278 Resp: 225179

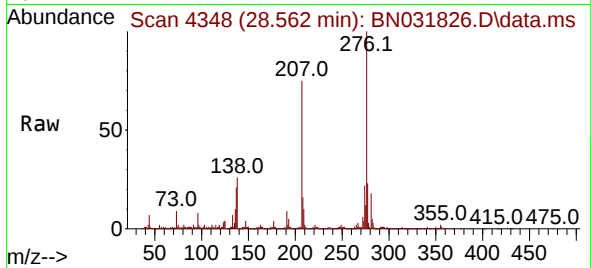
Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.0	22.6
279	29.4	17.4	26.0





#96
 Benzo(g,h,i)perylene
 Concen: 12.885 ng/ul m
 RT: 28.562 min Scan# 4348
 Delta R.T. -0.006 min
 Lab File: BN031826.D
 Acq: 06 Jun 2024 19:52

Instrument :
 BNA_N
 ClientSampleId :
 BHBX4



Tgt Ion:276 Resp: 839394
 Ion Ratio Lower Upper
 276 100
 138 25.6 20.9 31.3
 277 23.3 18.0 27.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

