

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031835.D
 Acq On : 07 Jun 2024 01:48
 Operator : MA/JU
 Sample : P2634-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX3

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 02:43:11 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	431209	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	1771878	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1053767	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1966662	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1167014	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1436785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	47271	4.535	ng/uL	0.00
4) Pyridine-d5	3.593	84	293592	10.006	ng/u1	0.00
7) Phenol-d5	6.846	99	1042382	28.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	568519	26.293	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	819179	29.042	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	794968	26.382	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	414292	30.580	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	449934	32.150	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	773831	29.619	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	549523	14.166	ng/u1	-0.01
46) Dimethylphthalate-d6	13.733	166	2234024	30.431	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	2668780	31.616	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	387742	26.379	ng/u1	0.00
60) Fluorene-d10	15.310	176	1926344	31.012	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	204734	20.711	ng/u1	0.00
73) Anthracene-d10	17.163	188	2795799	33.205	ng/u1	0.00
81) Pyrene-d10	19.463	212	2277767	36.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1690884	24.646	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.039	152	485595	5.090	ng/u1	99
61) Fluorene	15.369	166	96925	1.404	ng/u1	97
72) Phenanthrene	17.110	178	2495008	24.904	ng/u1	99
74) Anthracene	17.198	178	487378	4.801	ng/u1	98
77) Carbazole	17.469	167	203433	2.350	ng/u1	100
80) Fluoranthene	19.133	202	5207743	69.778	ng/u1	99
82) Pyrene	19.498	202	4545540	59.362	ng/u1	96
83) Butylbenzylphthalate	20.398	149	136326	3.769	ng/u1	97
85) Benzo(a)anthracene	21.286	228	2634419	33.726	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	722112	13.697	ng/u1	99
87) Chrysene	21.345	228	2813873	38.566	ng/u1	95
90) Benzo(b)fluoranthene	23.315	252	3979846	46.342	ng/u1	97
91) Benzo(k)fluoranthene	23.374	252	1429266	16.960	ng/u1	96
93) Benzo(a)pyrene	24.109	252	1861520	23.143	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.556	276	1704323	18.388	ng/u1	98
95) Dibenzo(a,h)anthracene	27.597	278	577327m	7.629	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	251866m	3.418	ng/u1	

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

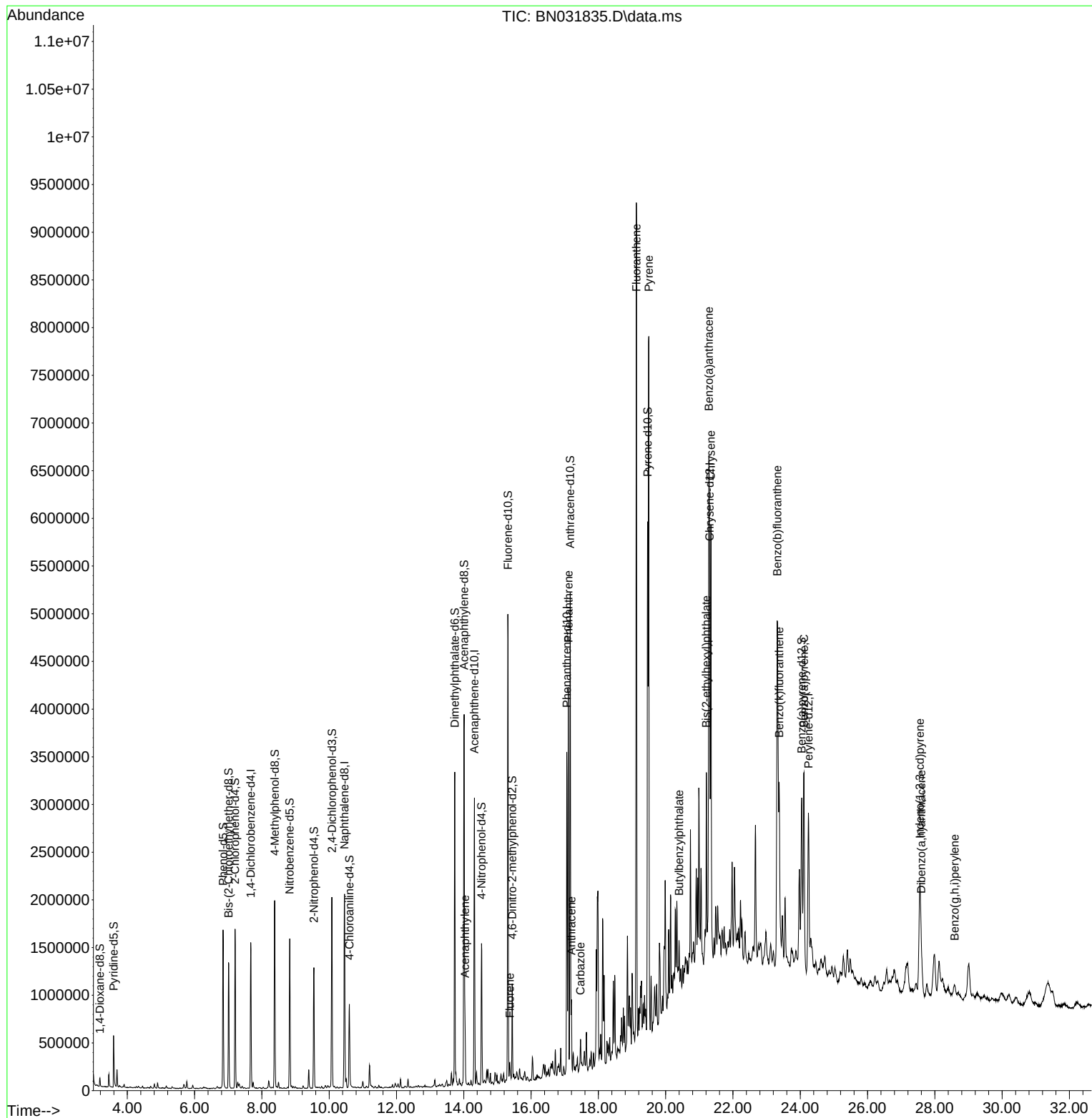
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
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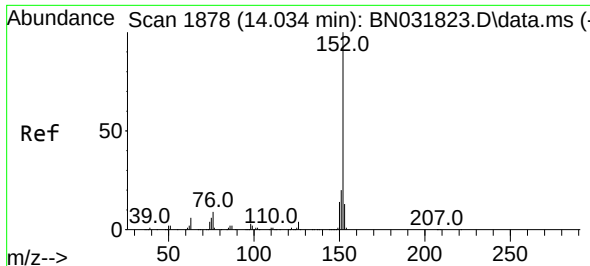
Instrument :
 BNA_N
 ClientSampleId :
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Quant Time: Jun 07 02:43:11 2024
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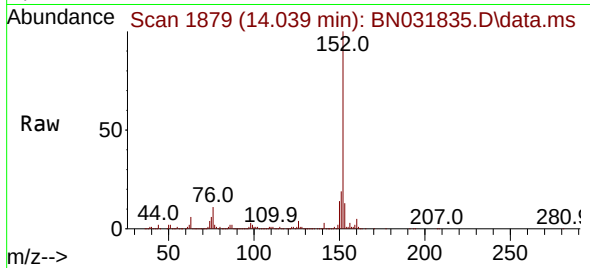
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024





#50
Acenaphthylene
Concen: 5.090 ng/ul
RT: 14.039 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48

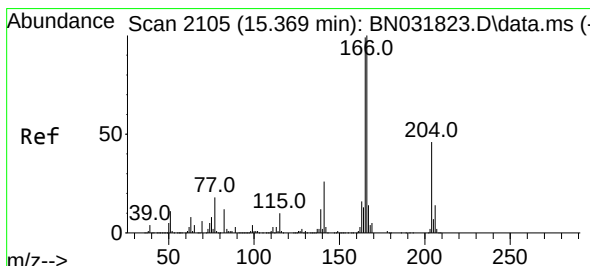
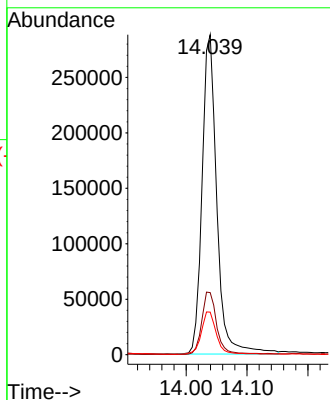
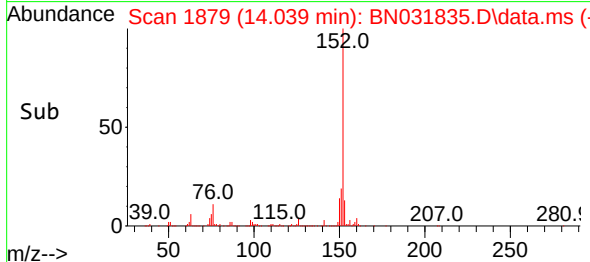
Instrument :
BNA_N
ClientSampleId :
BHBX3



Tgt Ion:152 Resp: 48559
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.3 10.4 15.6

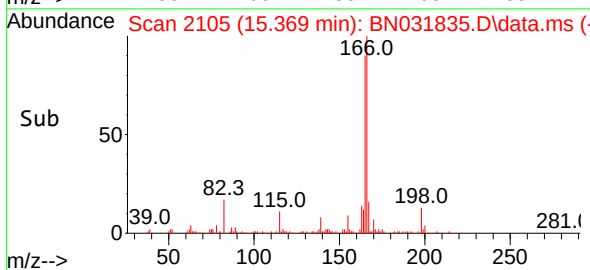
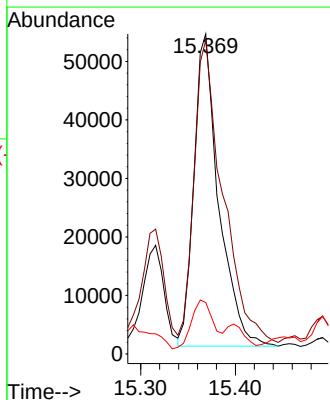
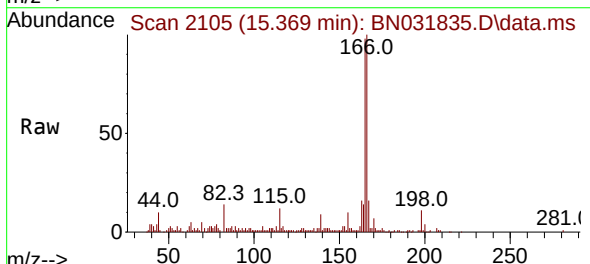
Manual Integrations
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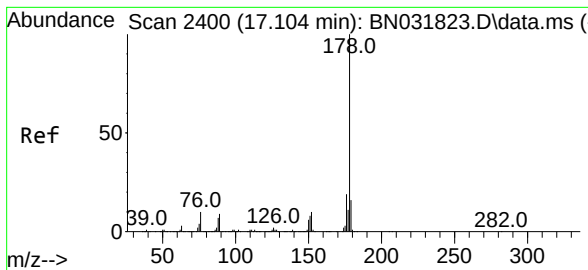
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#61
Fluorene
Concen: 1.404 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48

Tgt Ion:166 Resp: 96925
Ion Ratio Lower Upper
166 100
165 98.0 80.3 120.5
167 16.1 11.3 16.9





#72
 Phenanthrene
 Concen: 24.904 ng/ul
 RT: 17.110 min Scan# 2401
 Delta R.T. -0.006 min
 Lab File: BN031835.D
 Acq: 07 Jun 2024 01:48

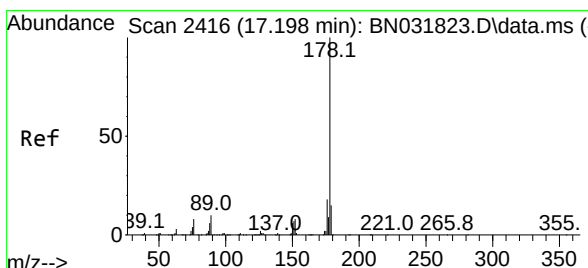
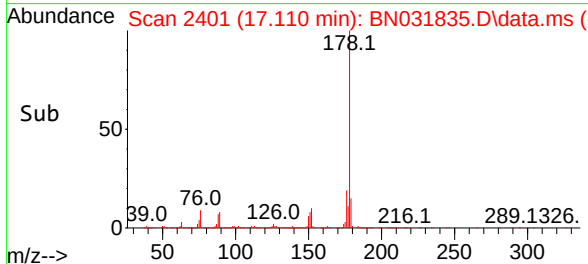
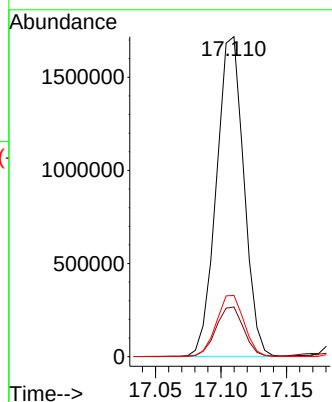
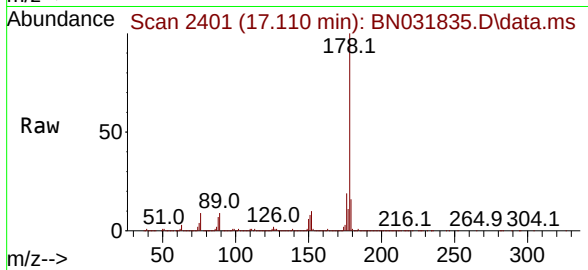
Instrument :
 BNA_N
 ClientSampleId :
 BHBX3

Tgt Ion:178 Resp: 2495000

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.2	15.8	23.6

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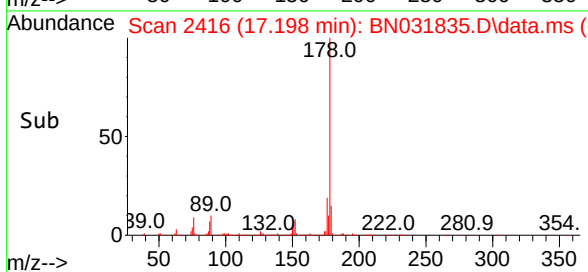
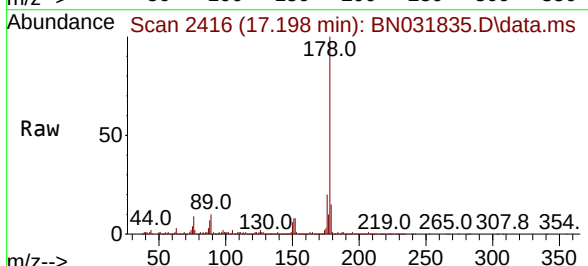
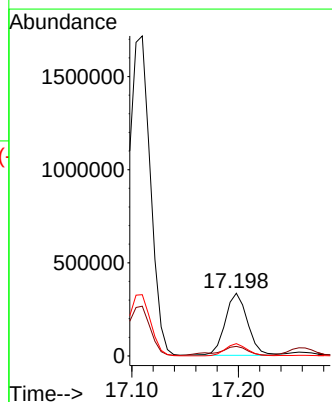
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

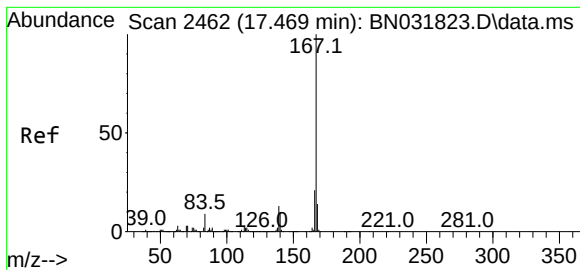


#74
 Anthracene
 Concen: 4.801 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031835.D
 Acq: 07 Jun 2024 01:48

Tgt Ion:178 Resp: 487378

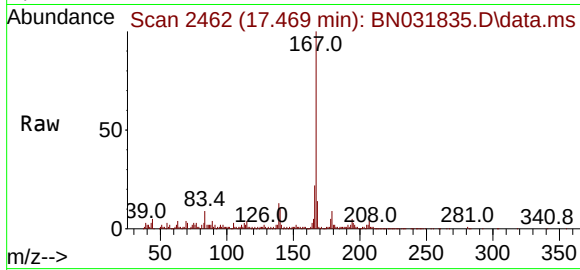
Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.6
176	19.6	14.8	22.2





#77
 Carbazole
 Concen: 2.350 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031835.D
 Acq: 07 Jun 2024 01:48

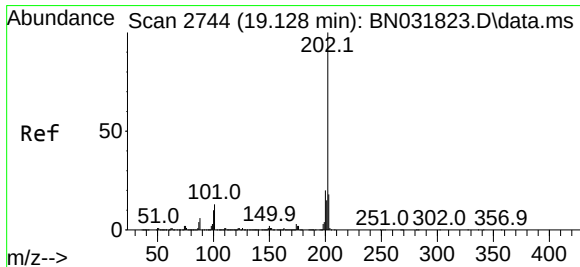
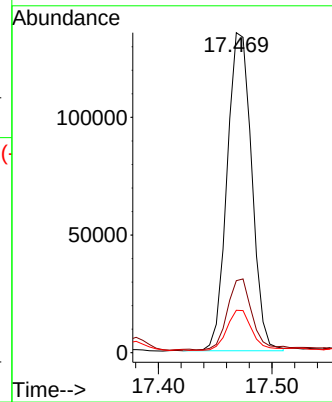
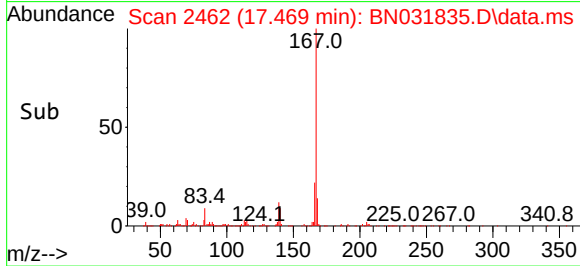
Instrument :
 BNA_N
 ClientSampleId :
 BHBX3



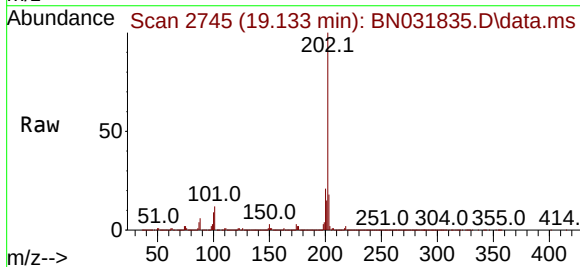
Tgt Ion:167 Resp: 20343
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 13.3 10.5 15.7

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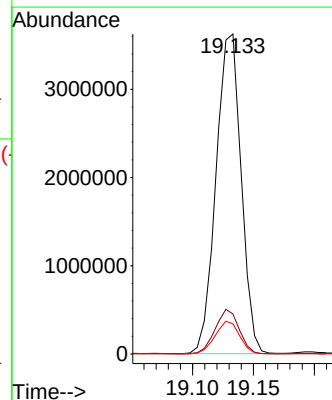
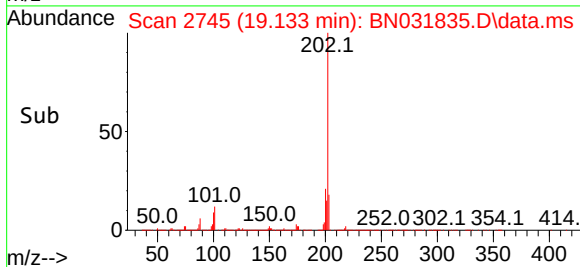
Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

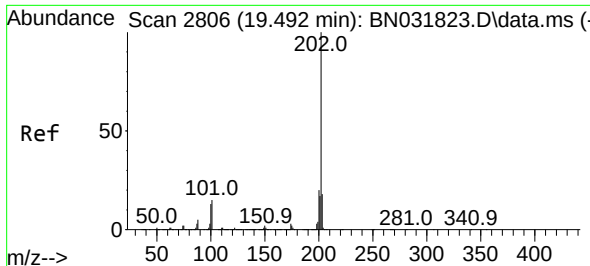


#80
 Fluoranthene
 Concen: 69.778 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN031835.D
 Acq: 07 Jun 2024 01:48



Tgt Ion:202 Resp: 5207743
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.3 15.5
 100 9.4 8.0 12.0





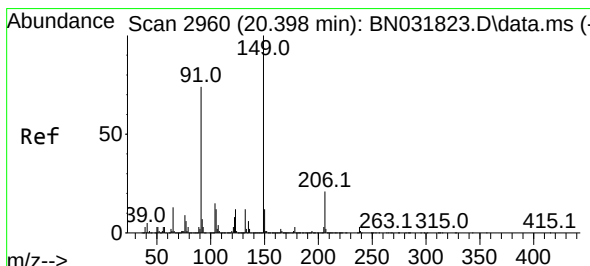
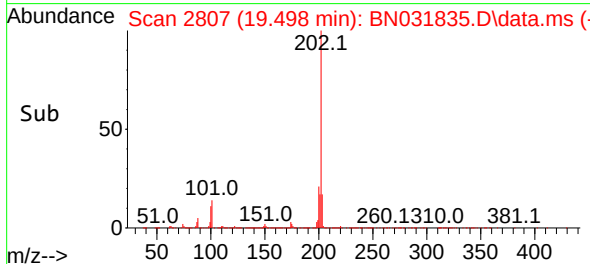
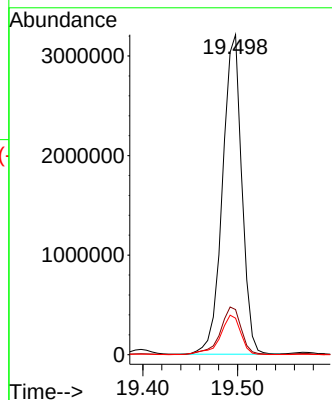
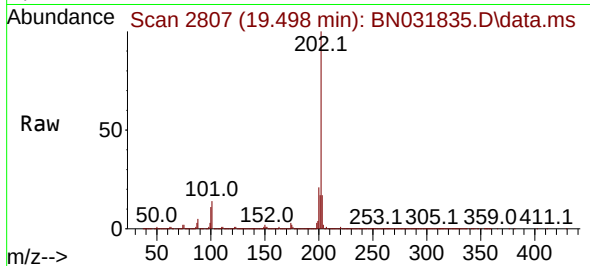
#82
Pyrene
Concen: 59.362 ng/ul
RT: 19.498 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48

Instrument :
BNA_N
ClientSampleId :
BHBX3

Tgt Ion:202 Resp: 4545540
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.4 10.2 15.2

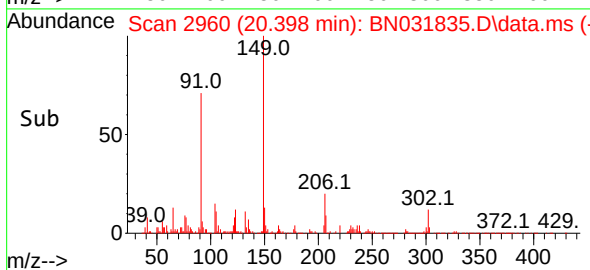
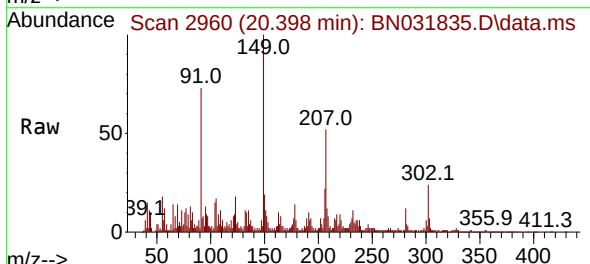
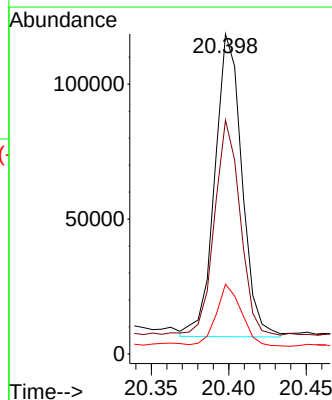
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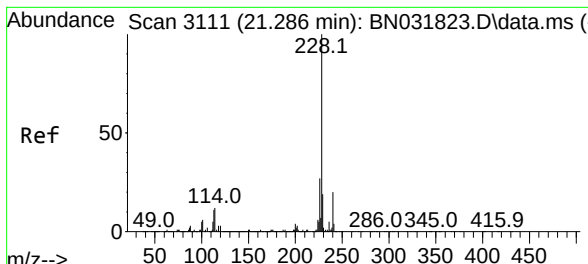
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#83
Butylbenzylphthalate
Concen: 3.769 ng/ul
RT: 20.398 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48

Tgt Ion:149 Resp: 136326
Ion Ratio Lower Upper
149 100
91 73.1 61.0 91.4
206 21.8 16.5 24.7





#85

Benzo(a)anthracene

Concen: 33.726 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031835.D

Acq: 07 Jun 2024 01:48

Instrument :

BNA_N

ClientSampleId :

BHBX3

Tgt Ion:228 Resp: 2634419

Ion Ratio Lower Upper

228 100

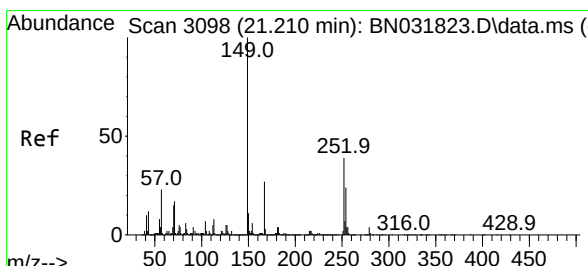
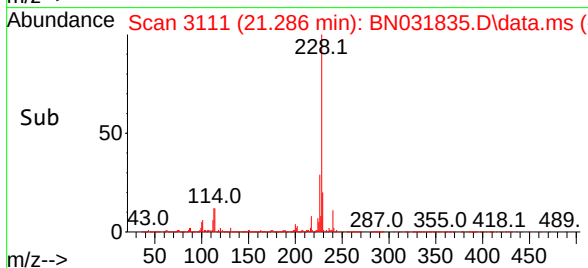
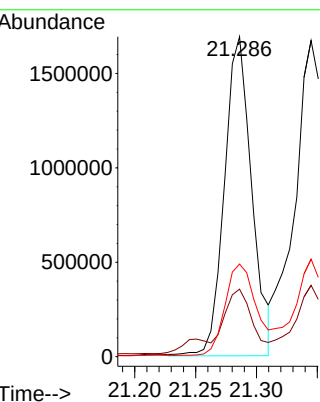
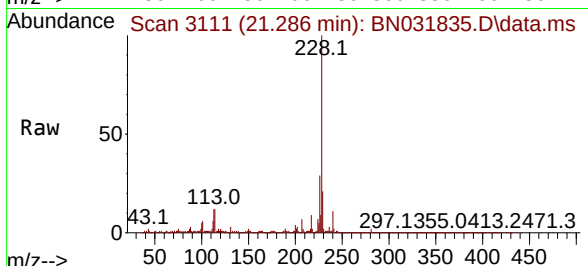
229 21.1 16.7 25.1

226 28.9 22.8 34.2

Manual Integrations

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



#86

Bis(2-ethylhexyl)phthalate

Concen: 13.697 ng/ul

RT: 21.210 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN031835.D

Acq: 07 Jun 2024 01:48

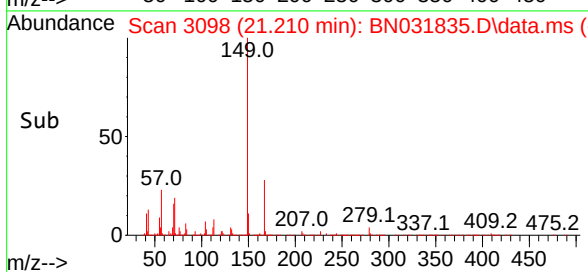
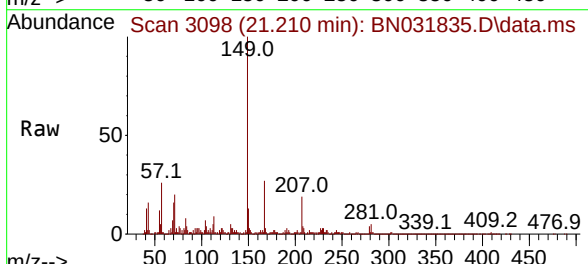
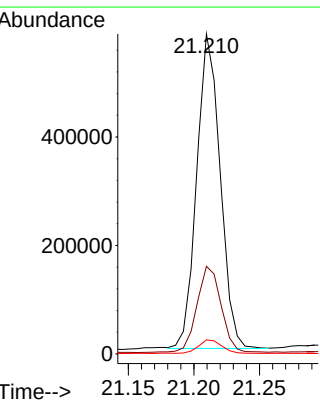
Tgt Ion:149 Resp: 722112

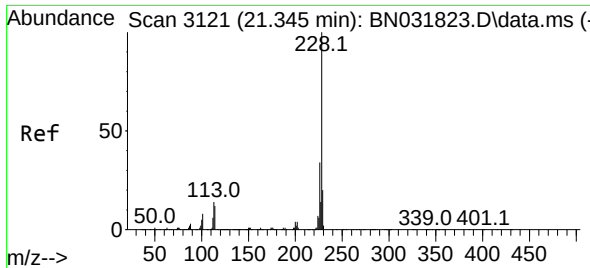
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

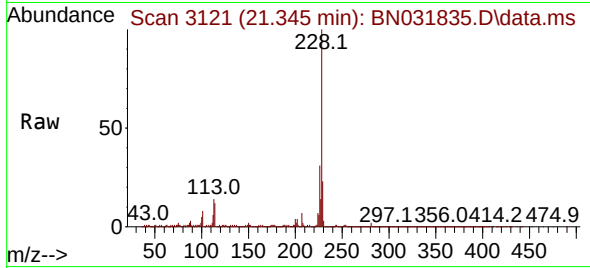
279 4.4 3.3 4.9





#87
Chrysene
Concen: 38.566 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48

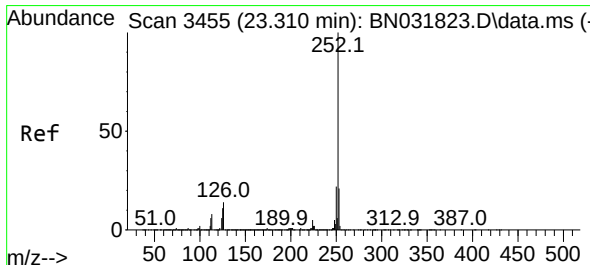
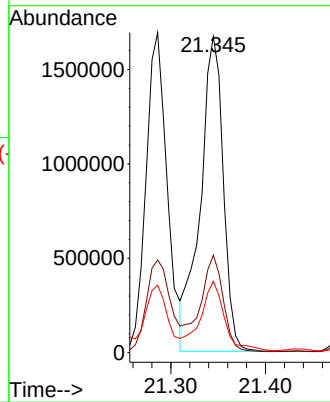
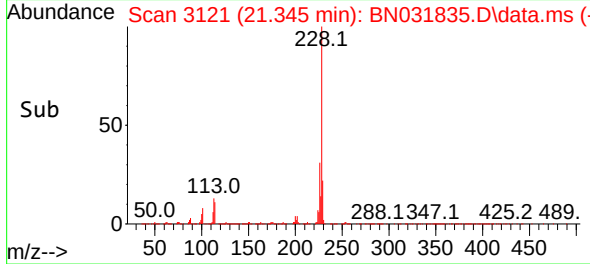
Instrument :
BNA_N
ClientSampleId :
BHBX3



Tgt Ion:228 Resp: 281387
Ion Ratio Lower Upper
228 100
226 30.9 23.7 35.5
229 22.6 15.1 22.7

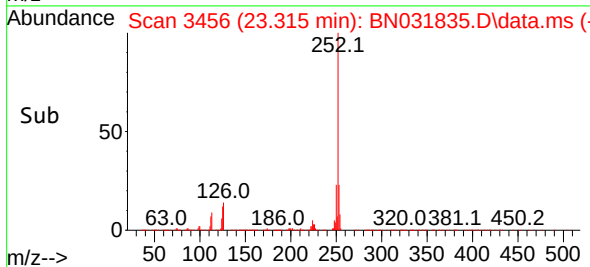
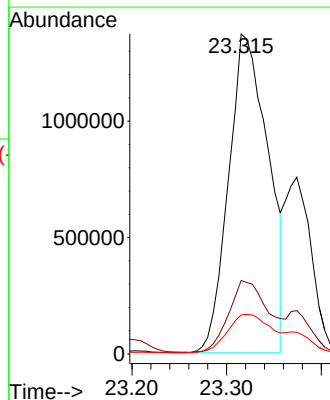
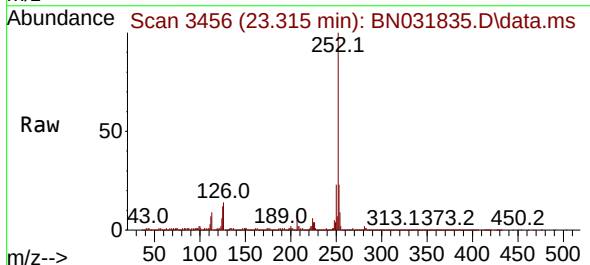
Manual Integrations
APPROVED

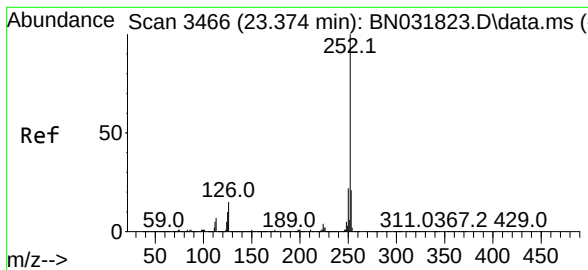
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#90
Benzo(b)fluoranthene
Concen: 46.342 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48

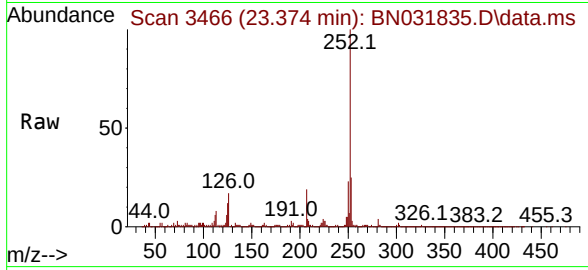
Tgt Ion:252 Resp: 3979846
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 12.2 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 16.960 ng/ul
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48

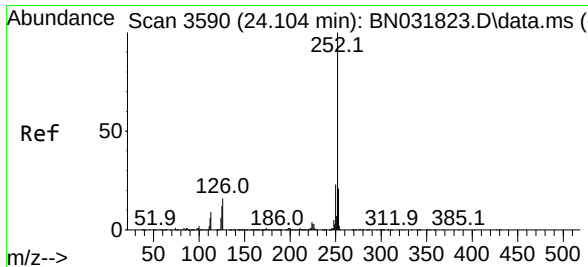
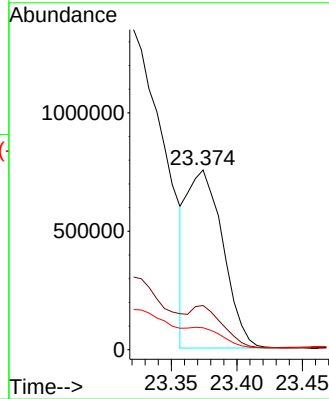
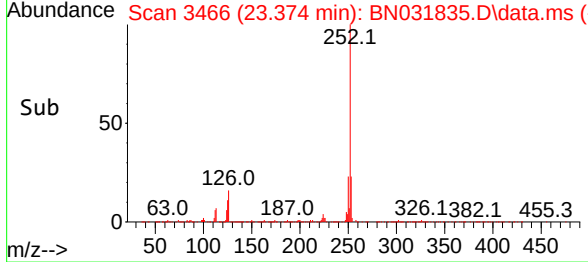
Instrument :
BNA_N
ClientSampleId :
BHBX3



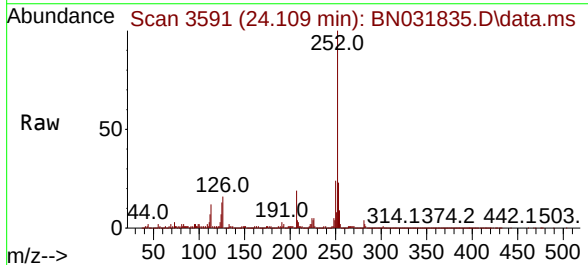
Tgt Ion:252 Resp: 1429260
Ion Ratio Lower Upper
252 100
253 24.5 17.6 26.4
125 12.2 9.4 14.2

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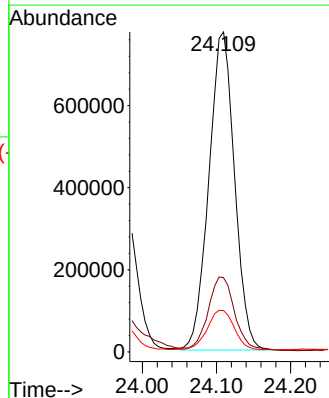
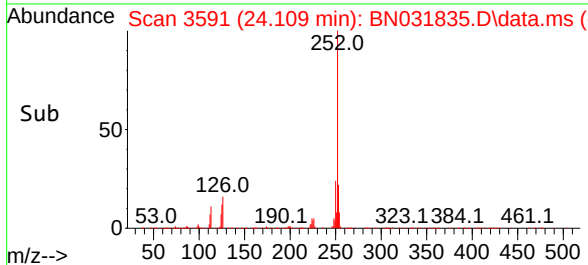
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

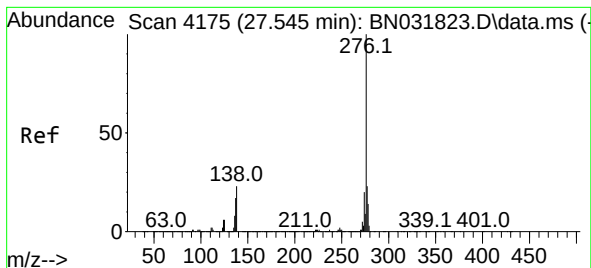


#93
Benzo(a)pyrene
Concen: 23.143 ng/ul
RT: 24.109 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031835.D
Acq: 07 Jun 2024 01:48



Tgt Ion:252 Resp: 1861520
Ion Ratio Lower Upper
252 100
253 23.2 16.6 24.8
125 13.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 18.388 ng/ul

RT: 27.556 min Scan# 4177

Delta R.T. 0.023 min

Lab File: BN031835.D

Acq: 07 Jun 2024 01:48

Instrument :

BNA_N

ClientSampleId :

BHBX3

Tgt Ion:276 Resp: 170432

Ion Ratio Lower Upper

276 100

138 23.6 18.1 27.1

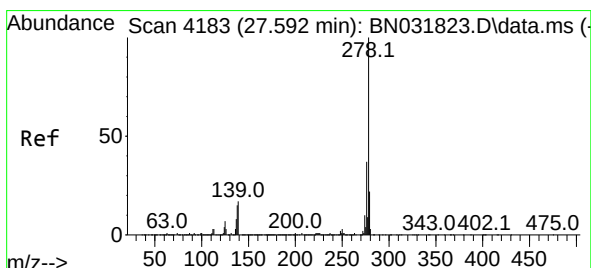
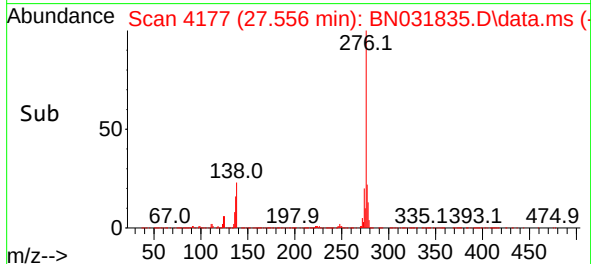
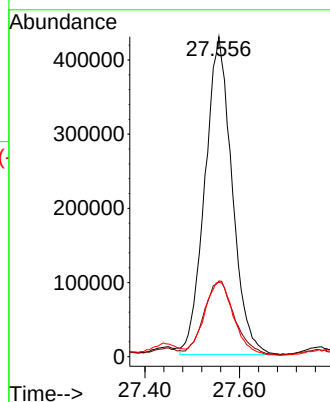
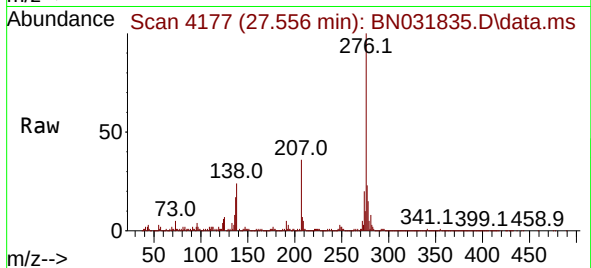
277 23.2 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024

Supervised By :mohammad ahmed 06/08/2024



#95

Dibenzo(a,h)anthracene

Concen: 7.629 ng/ul m

RT: 27.597 min Scan# 4184

Delta R.T. -0.006 min

Lab File: BN031835.D

Acq: 07 Jun 2024 01:48

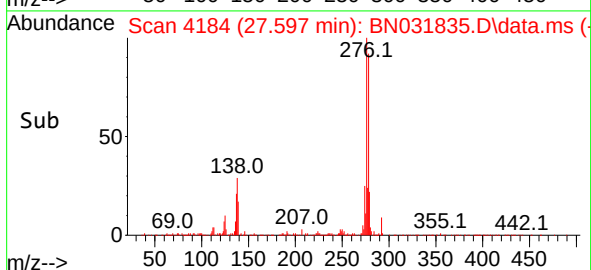
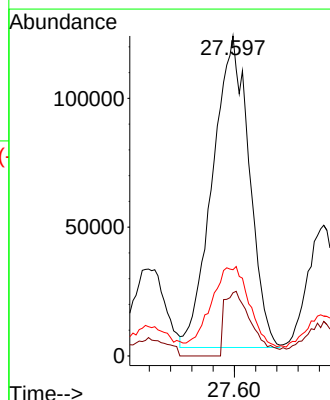
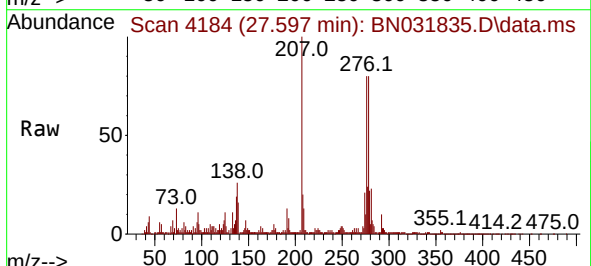
Tgt Ion:278 Resp: 577327

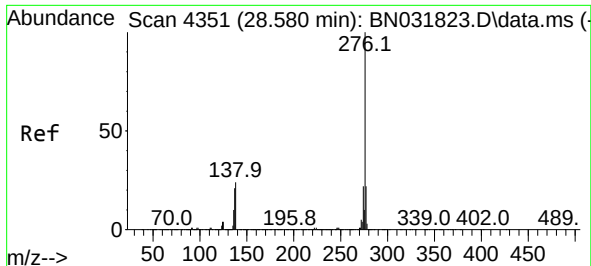
Ion Ratio Lower Upper

278 100

139 19.8 15.0 22.6

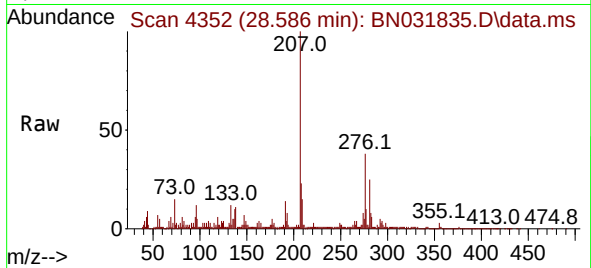
279 27.0 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 3.418 ng/ul m
 RT: 28.586 min Scan# 4351
 Delta R.T. 0.017 min
 Lab File: BN031835.D
 Acq: 07 Jun 2024 01:48

Instrument :
 BNA_N
 ClientSampleId :
 BHBX3



Tgt Ion: 276 Resp: 251860
 Ion Ratio Lower Upper
 276 100
 138 28.2 20.9 31.3
 277 25.9 18.0 27.0

Manual Integrations
 APPROVED

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

