

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031760.D
 Acq On : 03 Jun 2024 15:17
 Operator : MA/JU
 Sample : P2590-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBL2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 15:52:13 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	7.681	152	588360	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2579567	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1491787	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.068	188	2464683	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1703343	20.000	ng/u1	0.00
88) Perylene-d12	24.250	264	2031545	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	44427	3.124	ng/uL	0.00
4) Pyridine-d5	3.599	84	330815	8.263	ng/u1	0.00
7) Phenol-d5	6.851	99	991283	19.653	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	624712	21.174	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	850380	22.096	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	719175	17.492	ng/u1	0.00
21) Nitrobenzene-d5	8.839	128	454269	23.032	ng/u1	0.00
24) 2-Nitrophenol-d4	9.551	143	474860	23.307	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.086	165	829378	21.805	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	776300	13.746	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2480344	23.866	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2843256	23.793	ng/u1	0.00
54) 4-Nitrophenol-d4	14.527	143	212248	10.200	ng/u1	0.00
60) Fluorene-d10	15.316	176	2024790	23.026	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	141456	11.418	ng/u1	0.00
73) Anthracene-d10	17.168	188	2631923	24.943	ng/u1	0.00
81) Pyrene-d10	19.468	212	2570673	28.203	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.050	264	2392621	24.664	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.045	152	295815	2.190	ng/u1	99
61) Fluorene	15.374	166	137684	1.408	ng/u1	100
72) Phenanthrene	17.110	178	2621866	20.882	ng/u1	98
74) Anthracene	17.204	178	483514	3.801	ng/u1	98
77) Carbazole	17.474	167	240609	2.218	ng/u1	99
80) Fluoranthene	19.133	202	4290895	39.390	ng/u1	100
82) Pyrene	19.498	202	3840023	34.358	ng/u1	99
85) Benzo(a)anthracene	21.292	228	1917333	16.817	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	108751	1.413	ng/u1	99
87) Chrysene	21.351	228	1895588	17.800	ng/u1	97
90) Benzo(b)fluoranthene	23.327	252	2362868	19.459	ng/u1	95
91) Benzo(k)fluoranthene	23.380	252	1010050m	8.477	ng/u1	
93) Benzo(a)pyrene	24.115	252	1824250	16.040	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.562	276	1265046	9.653	ng/u1	98
95) Dibenzo(a,h)anthracene	27.597	278	324762m	3.035	ng/u1	
96) Benzo(g,h,i)perylene	28.597	276	1068663	10.258	ng/u1	98

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

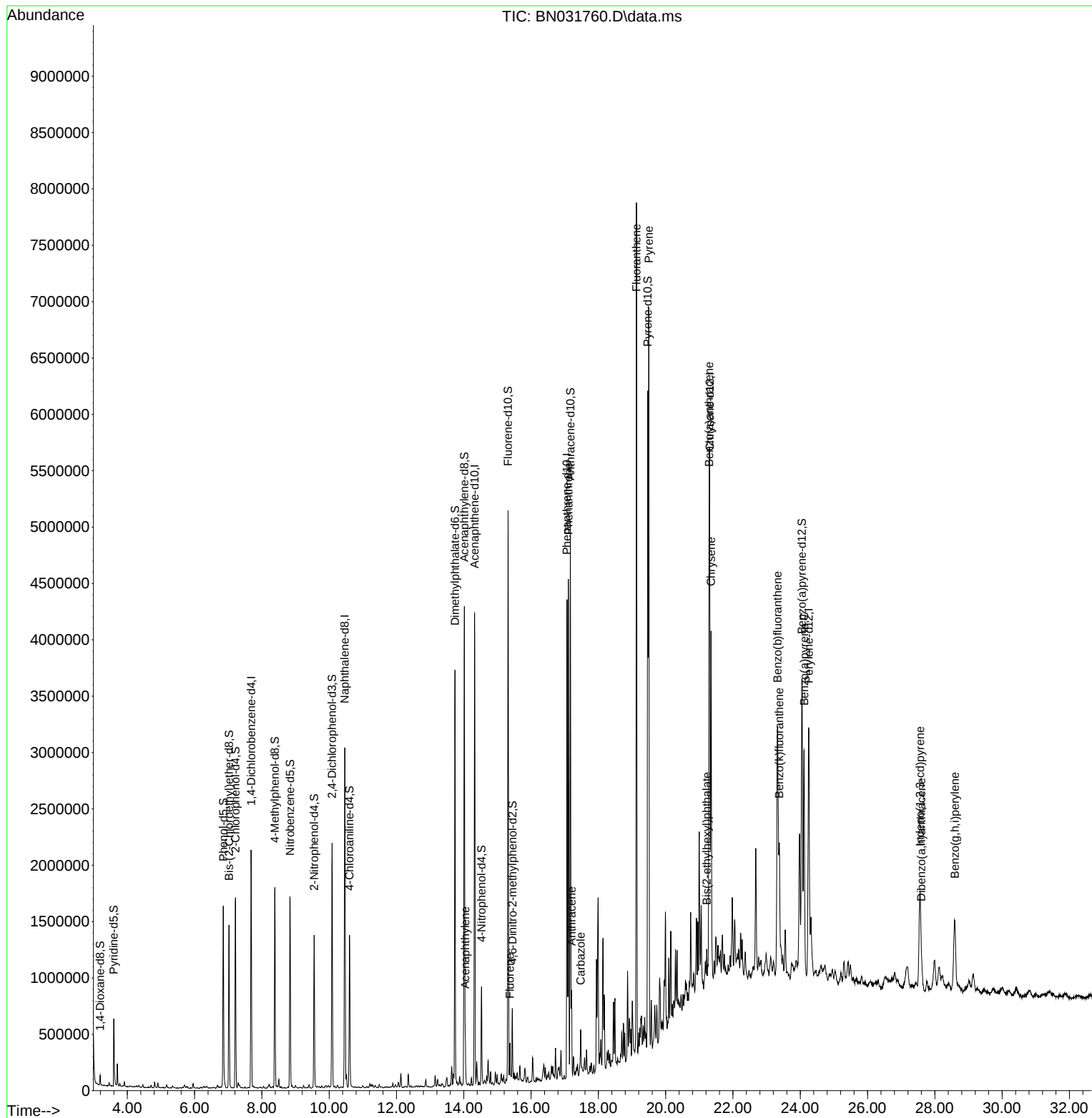
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

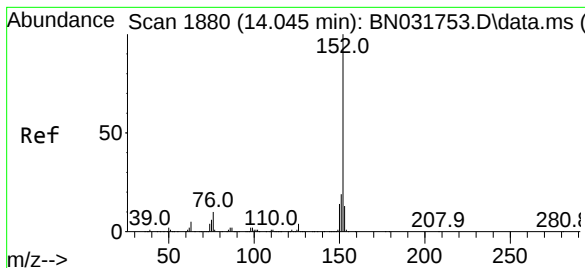
Instrument :
 BNA_N
 ClientSampleId :
 BHBL2

Quant Time: Jun 03 15:52:13 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
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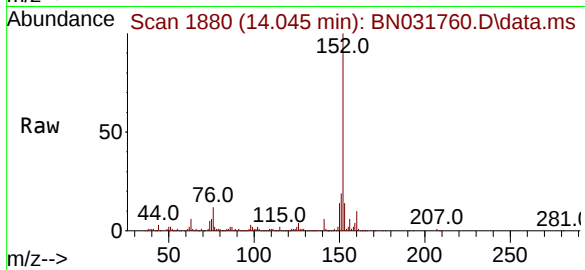
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024





#50
Acenaphthylene
Concen: 2.190 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031760.D
Acq: 03 Jun 2024 15:17

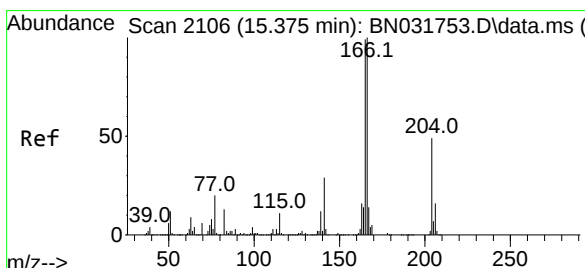
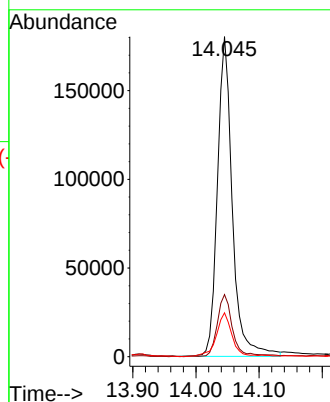
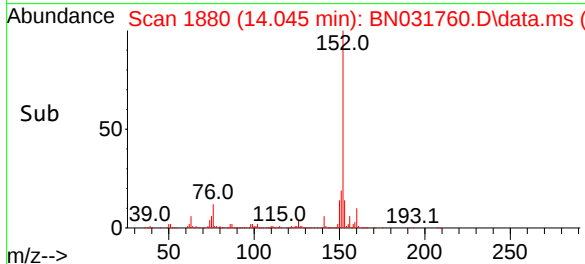
Instrument :
BNA_N
ClientSampleId :
BHBL2



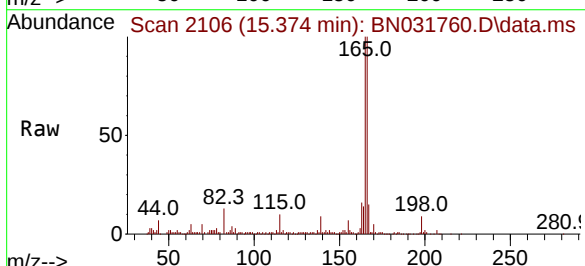
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Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.7 10.4 15.6

Manual Integrations
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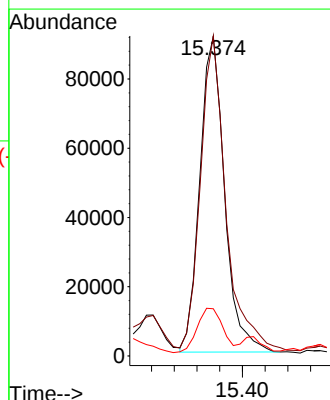
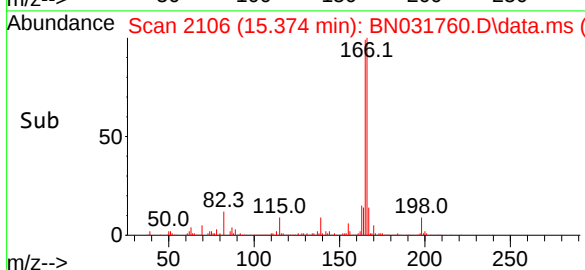
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

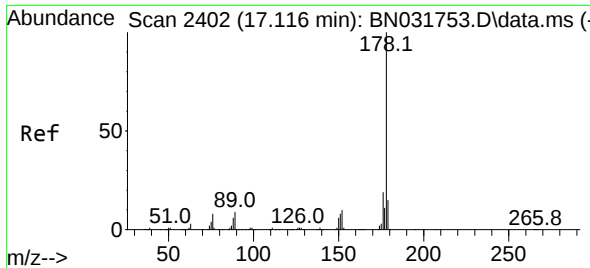


#61
Fluorene
Concen: 1.408 ng/ul
RT: 15.374 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN031760.D
Acq: 03 Jun 2024 15:17



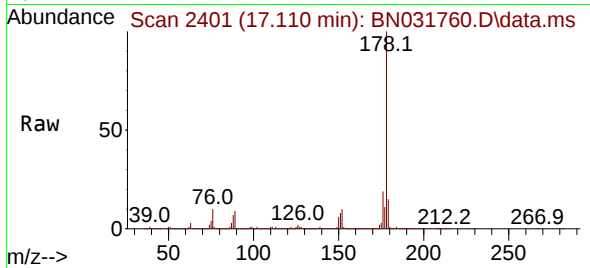
Tgt Ion:166 Resp: 137684
Ion Ratio Lower Upper
166 100
165 100.2 80.3 120.5
167 14.8 11.3 16.9





#72
Phenanthrene
Concen: 20.882 ng/u1
RT: 17.110 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BN031760.D
Acq: 03 Jun 2024 15:17

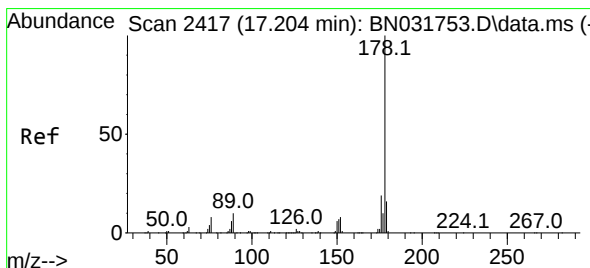
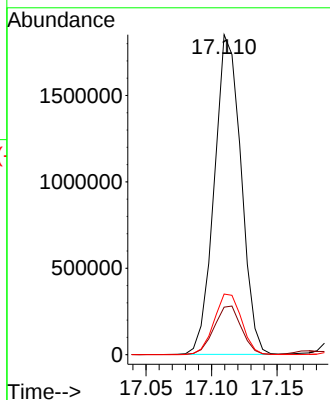
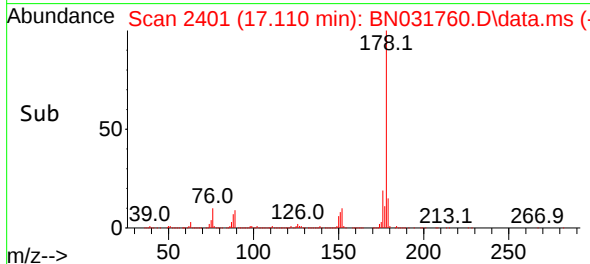
Instrument :
BNA_N
ClientSampleId :
BHBL2



Tgt Ion:178 Resp: 262186
Ion Ratio Lower Upper
178 100
179 14.8 12.6 19.0
176 18.9 15.8 23.6

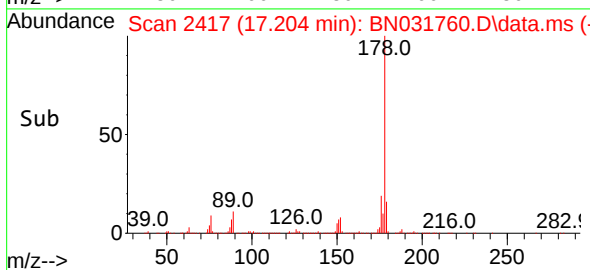
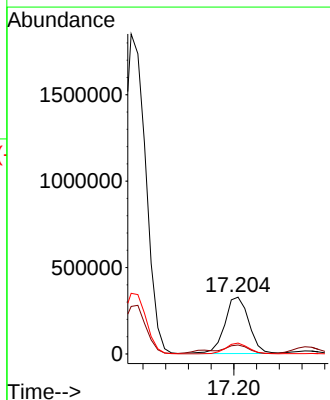
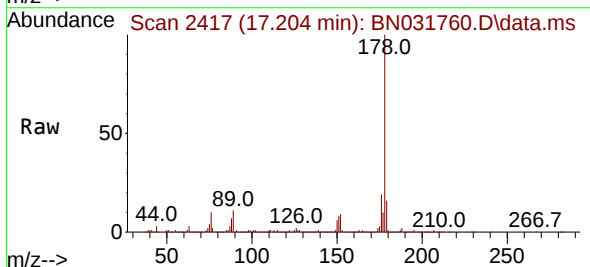
Manual Integrations
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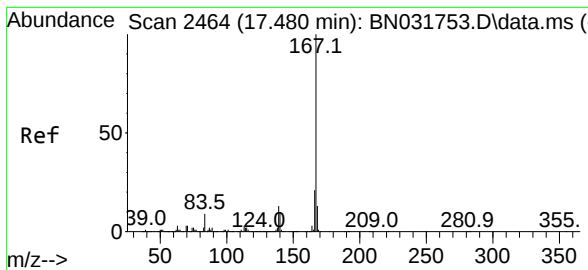
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#74
Anthracene
Concen: 3.801 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN031760.D
Acq: 03 Jun 2024 15:17

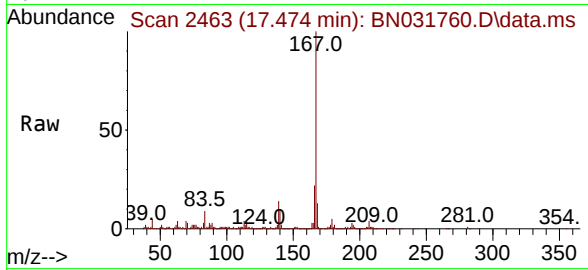
Tgt Ion:178 Resp: 483514
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.6
176 19.2 14.8 22.2





#77
 Carbazole
 Concen: 2.218 ng/ul
 RT: 17.474 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031760.D
 Acq: 03 Jun 2024 15:17

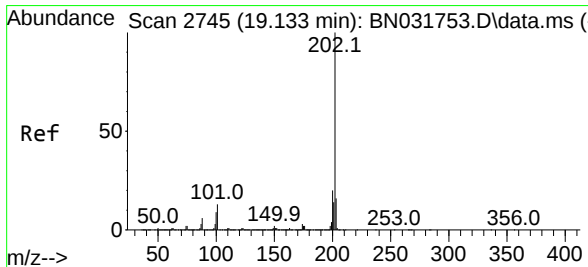
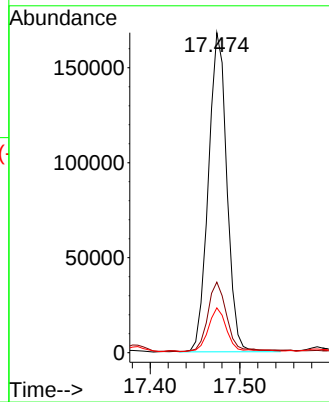
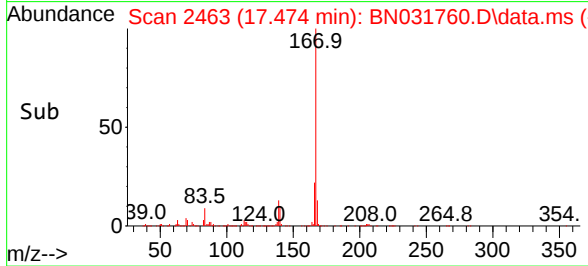
Instrument : BNA_N
 ClientSampleId : BHBL2



Tgt Ion:167 Resp: 240609
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 14.0 10.5 15.7

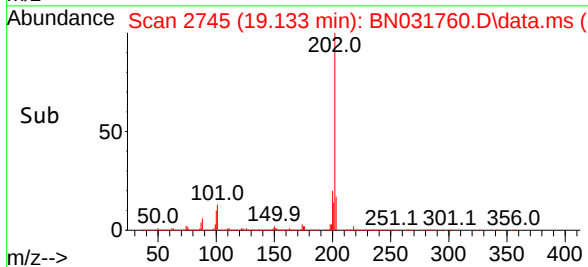
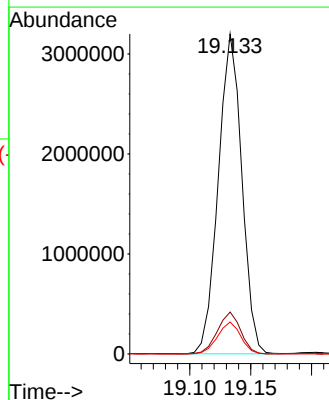
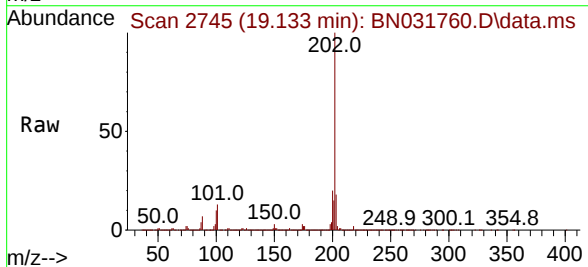
Manual Integrations
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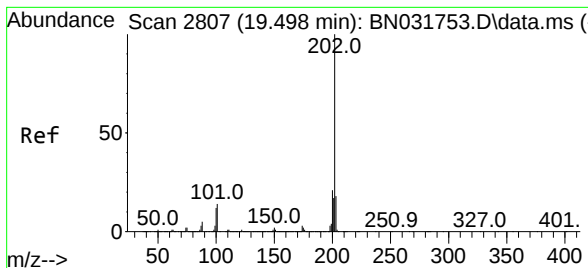
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#80
 Fluoranthene
 Concen: 39.390 ng/ul
 RT: 19.133 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN031760.D
 Acq: 03 Jun 2024 15:17

Tgt Ion:202 Resp: 4290895
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.3 15.5
 100 10.0 8.0 12.0





#82

Pyrene

Concen: 34.358 ng/ul

RT: 19.498 min Scan# 2807

Delta R.T. 0.005 min

Lab File: BN031760.D

Acq: 03 Jun 2024 15:17

Instrument :

BNA_N

ClientSampleId :

BHBL2

Tgt Ion:202 Resp: 384002

Ion Ratio Lower Upper

202 100

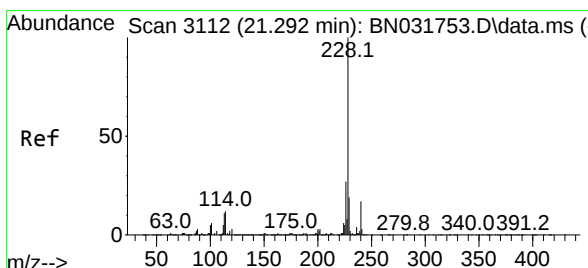
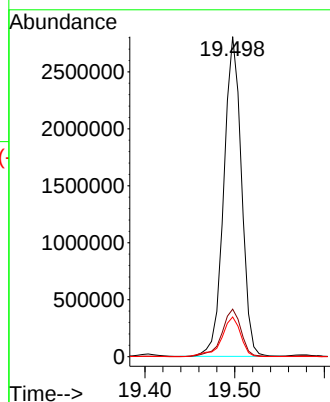
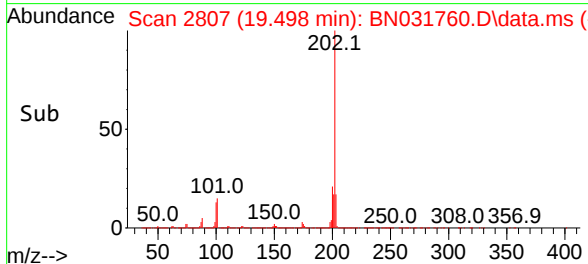
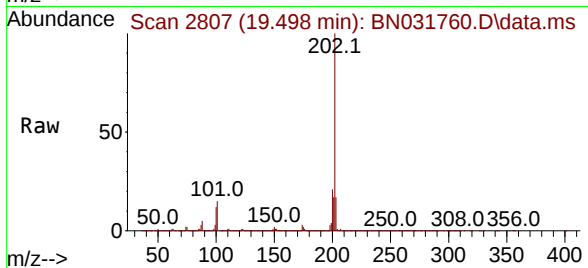
101 14.8 12.6 18.8

100 12.4 10.2 15.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#85

Benzo(a)anthracene

Concen: 16.817 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.005 min

Lab File: BN031760.D

Acq: 03 Jun 2024 15:17

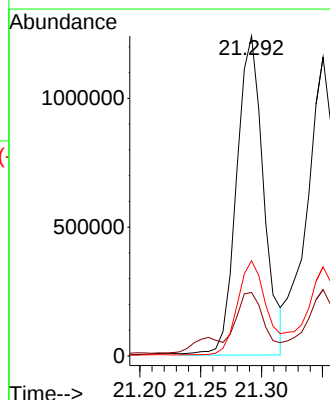
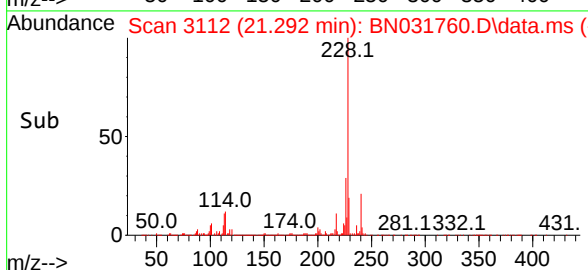
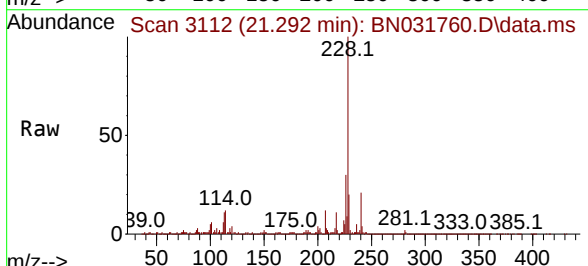
Tgt Ion:228 Resp: 1917333

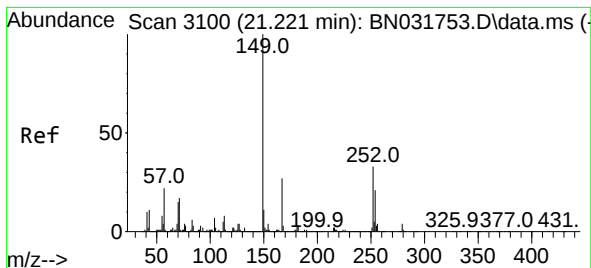
Ion Ratio Lower Upper

228 100

229 19.9 16.7 25.1

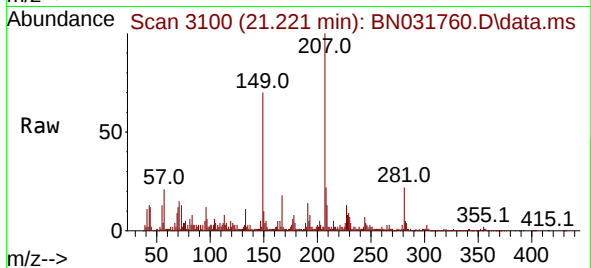
226 29.7 22.8 34.2





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.413 ng/ul
 RT: 21.221 min Scan# 3100
 Delta R.T. -0.000 min
 Lab File: BN031760.D
 Acq: 03 Jun 2024 15:17

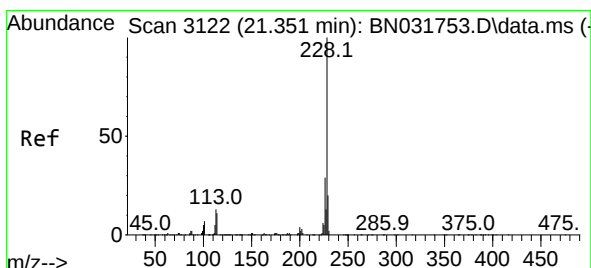
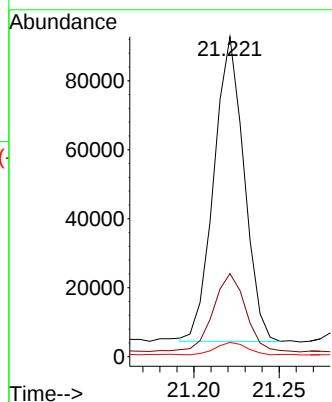
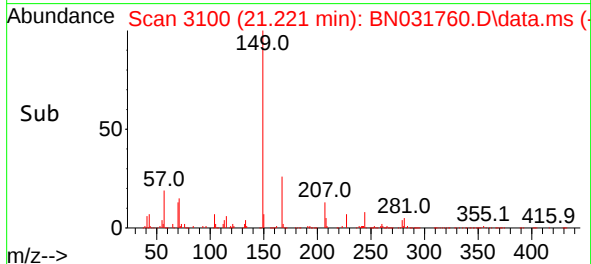
Instrument :
 BNA_N
 ClientSampleId :
 BHBL2



Tgt Ion:149 Resp: 10875
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 4.4 3.3 4.9

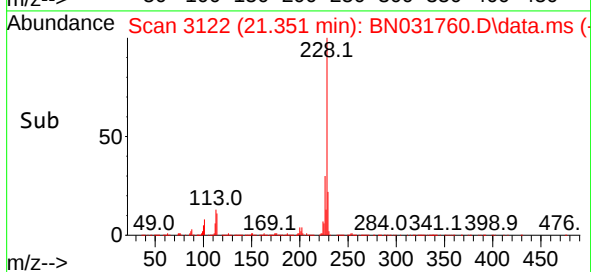
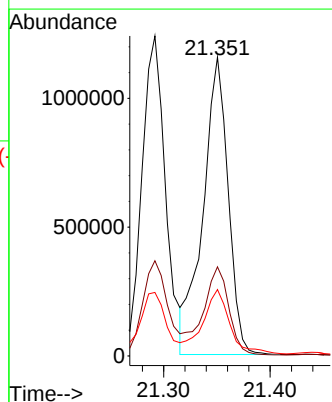
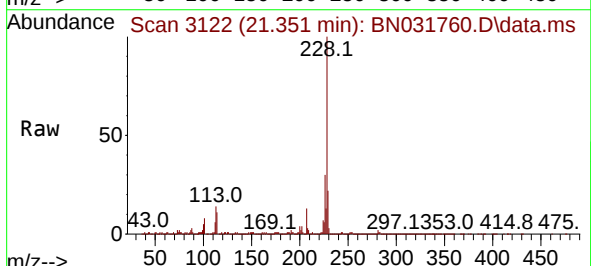
Manual Integrations
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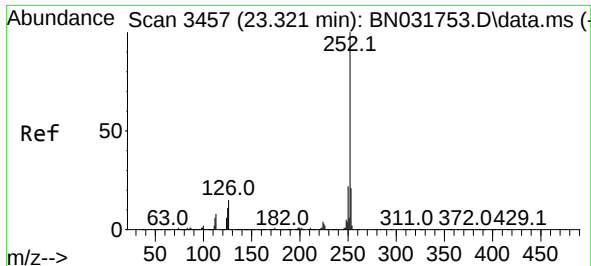
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#87
 Chrysene
 Concen: 17.800 ng/ul
 RT: 21.351 min Scan# 3122
 Delta R.T. -0.000 min
 Lab File: BN031760.D
 Acq: 03 Jun 2024 15:17

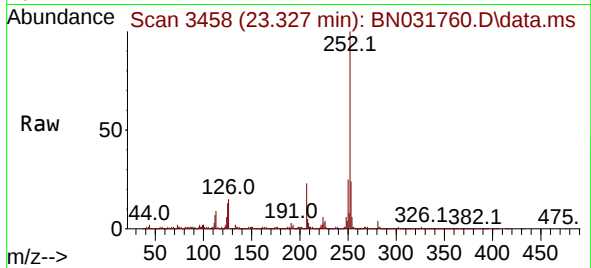
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 Ion Ratio Lower Upper
 228 100
 226 29.8 23.7 35.5
 229 22.2 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 19.459 ng/ul
RT: 23.327 min Scan# 3457
Delta R.T. 0.017 min
Lab File: BN031760.D
Acq: 03 Jun 2024 15:17

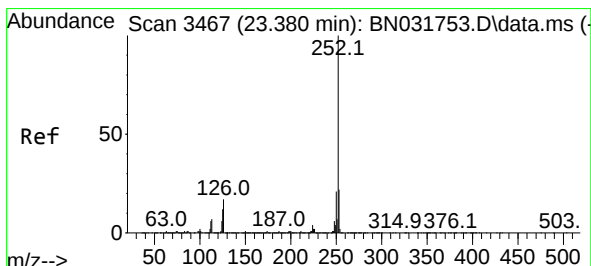
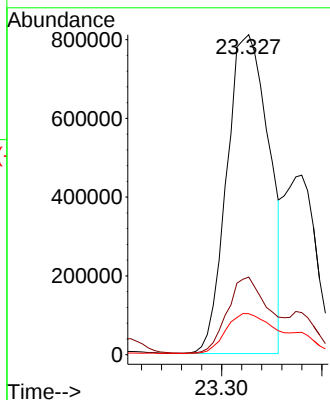
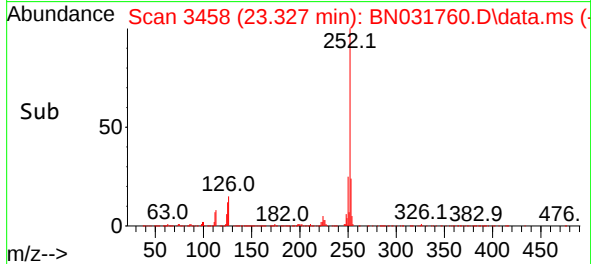
Instrument :
BNA_N
ClientSampleId :
BHBL2



Tgt Ion:252 Resp: 236286
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 12.8 9.2 13.8

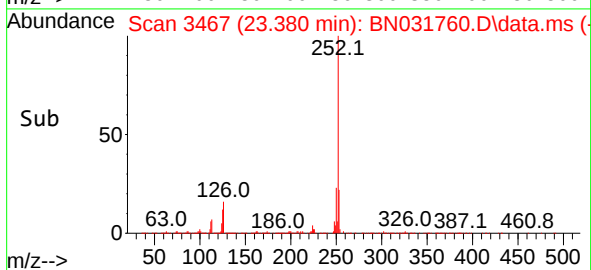
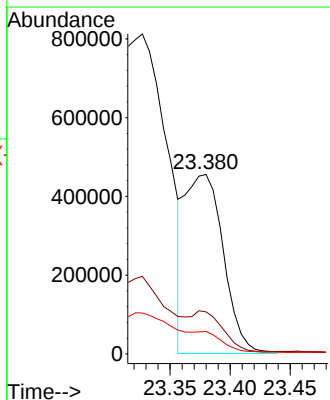
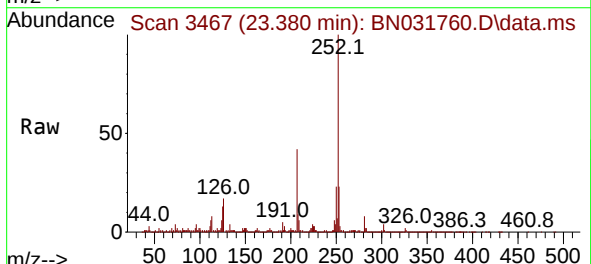
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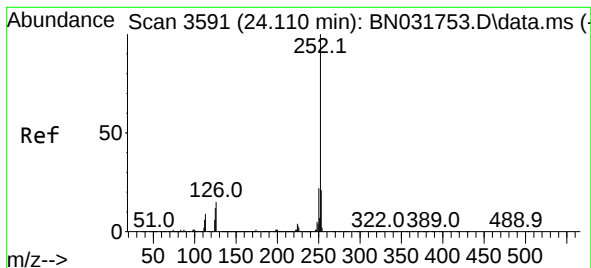
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#91
Benzo(k)fluoranthene
Concen: 8.477 ng/ul m
RT: 23.380 min Scan# 3467
Delta R.T. 0.005 min
Lab File: BN031760.D
Acq: 03 Jun 2024 15:17

Tgt Ion:252 Resp: 1010050
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 12.5 9.4 14.2





#93

Benzo(a)pyrene

Concen: 16.040 ng/ul

RT: 24.115 min Scan# 3591

Delta R.T. 0.011 min

Lab File: BN031760.D

Acq: 03 Jun 2024 15:17

Instrument :

BNA_N

ClientSampleId :

BHBL2

Tgt Ion:252 Resp: 1824250

Ion Ratio Lower Upper

252 100

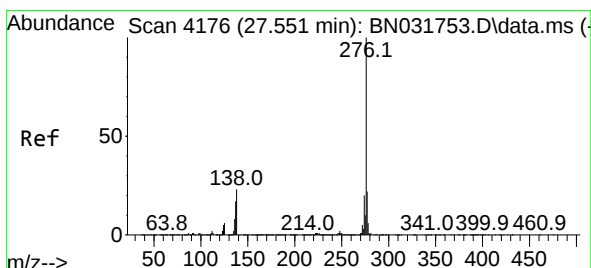
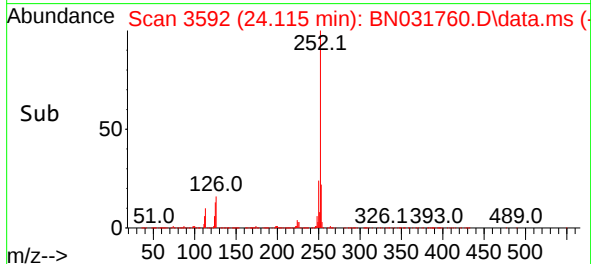
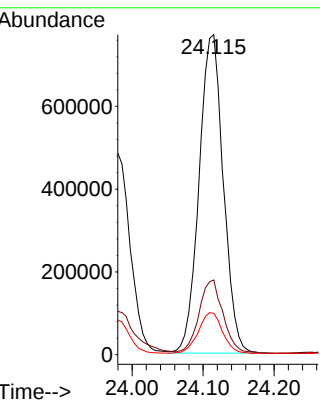
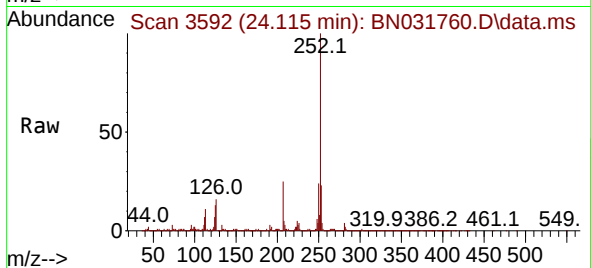
253 23.3 16.6 24.8

125 12.9 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.653 ng/ul

RT: 27.562 min Scan# 4178

Delta R.T. 0.029 min

Lab File: BN031760.D

Acq: 03 Jun 2024 15:17

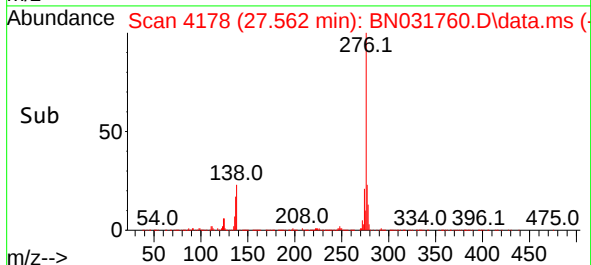
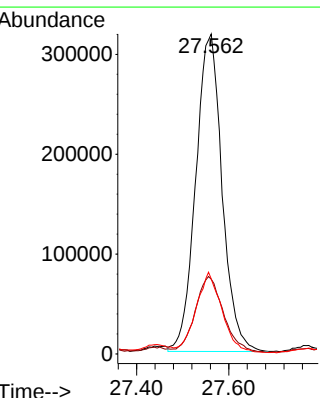
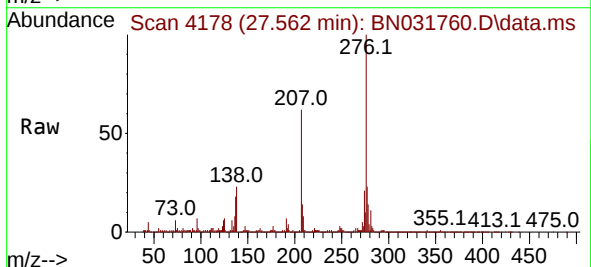
Tgt Ion:276 Resp: 1265046

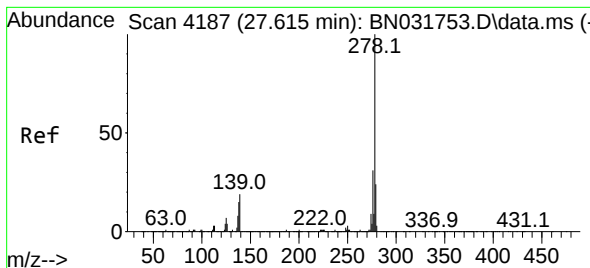
Ion Ratio Lower Upper

276 100

138 23.3 18.1 27.1

277 23.4 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.035 ng/ul m

RT: 27.597 min Scan# 4187

Delta R.T. -0.006 min

Lab File: BN031760.D

Acq: 03 Jun 2024 15:17

Instrument :

BNA_N

ClientSampleId :

BHBL2

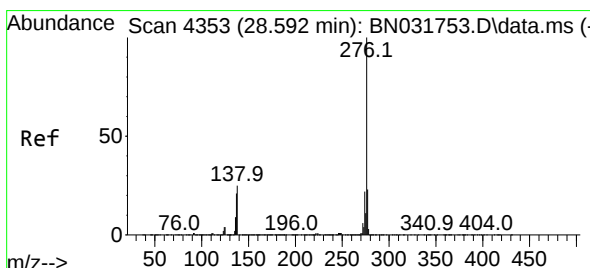
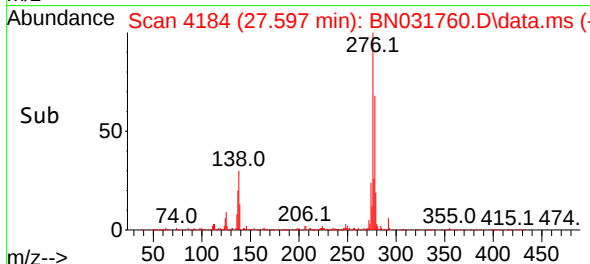
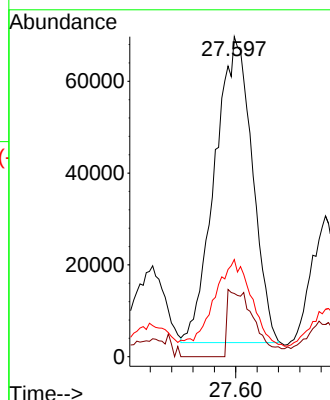
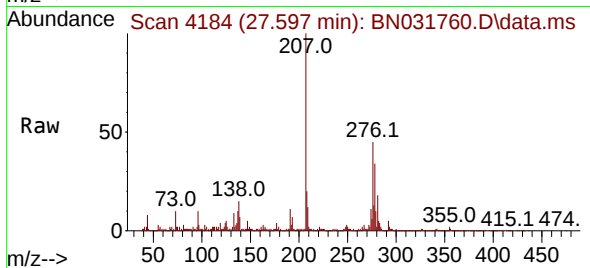
Tgt Ion:278 Resp: 324762

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.0	22.6
279	30.3	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#96

Benzo(g,h,i)perylene

Concen: 10.258 ng/ul

RT: 28.597 min Scan# 4354

Delta R.T. 0.029 min

Lab File: BN031760.D

Acq: 03 Jun 2024 15:17

Tgt Ion:276 Resp: 1068663

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.9	31.3
277	21.8	18.0	27.0

