

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031764.D
 Acq On : 03 Jun 2024 17:56
 Operator : MA/JU
 Sample : P2549-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBNO

Manual Integrations
 APPROVED

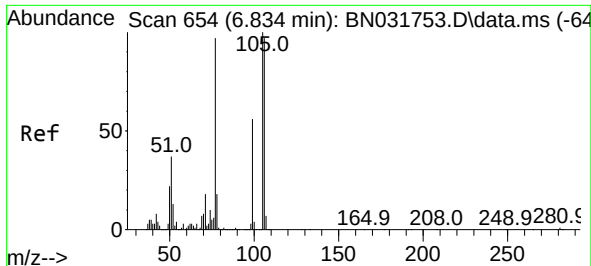
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 18:41:51 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)

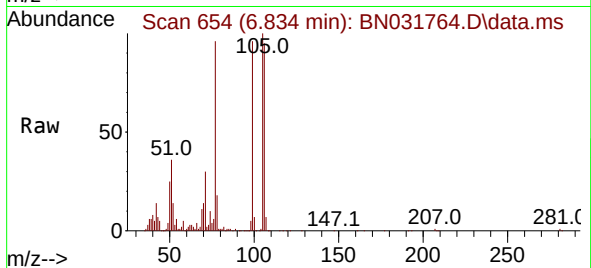
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	530704	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2347520	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1387894	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2475171	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1414062	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1594013	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	36547	2.849	ng/uL	0.00
4) Pyridine-d5	3.599	84	403762	11.181	ng/u1	0.00
7) Phenol-d5	6.852	99	852655	18.741	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	483328	18.162	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	685899	19.758	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	634607	17.112	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	351315	19.573	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	367237	19.807	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	663785	19.177	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	419532	8.163	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1891110	19.559	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2230796	20.065	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	242858	12.545	ng/u1	0.00
60) Fluorene-d10	15.316	176	1622264	19.830	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	96864m	7.786	ng/u1	0.00
73) Anthracene-d10	17.169	188	2197377	20.736	ng/u1	0.00
81) Pyrene-d10	19.469	212	2030885	26.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1617609	21.252	ng/u1	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.834	77	182246	8.540	ng/u1	96
37) 1-Methylnaphthalene	12.351	142	93517	1.122	ng/u1#	99
50) Acenaphthylene	14.045	152	187207	1.490	ng/u1	98
52) Acenaphthene	14.387	153	142431	1.713	ng/u1	96
61) Fluorene	15.375	166	152565	1.677	ng/u1	98
72) Phenanthrene	17.116	178	3031250	24.041	ng/u1	99
74) Anthracene	17.204	178	603519	4.724	ng/u1	98
77) Carbazole	17.475	167	283026	2.598	ng/u1	100
80) Fluoranthene	19.133	202	4858572	53.726	ng/u1	99
82) Pyrene	19.498	202	4322408	46.586	ng/u1	98
83) Butylbenzylphthalate	20.404	149	47872	1.092	ng/u1	98
85) Benzo(a)anthracene	21.286	228	1991885	21.045	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	170819	2.674	ng/u1#	95
87) Chrysene	21.351	228	2110171m	23.868	ng/u1	
90) Benzo(b)fluoranthene	23.321	252	2566039	26.932	ng/u1	97
91) Benzo(k)fluoranthene	23.374	252	1066494m	11.407	ng/u1	
93) Benzo(a)pyrene	24.110	252	1931306	21.643	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.556	276	1413536	13.746	ng/u1	96
95) Dibenzo(a,h)anthracene	27.604	278	377567m	4.497	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	1392114	17.030	ng/u1	98

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



#6
Benzaldehyde
Concen: 8.540 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

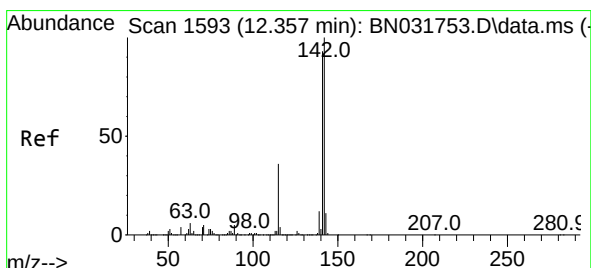
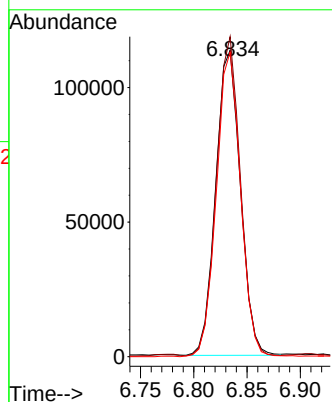
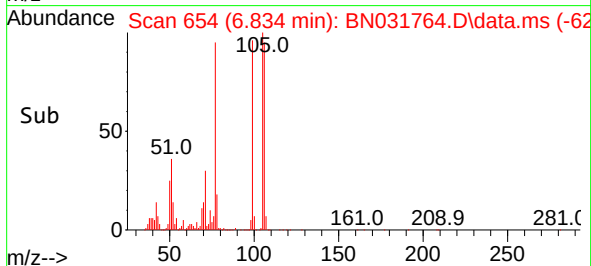
Instrument :
BNA_N
ClientSampleId :
BHBNO



Tgt Ion: 77 Resp: 182240
Ion Ratio Lower Upper
77 100
105 104.4 80.2 120.4
106 99.4 76.8 115.2

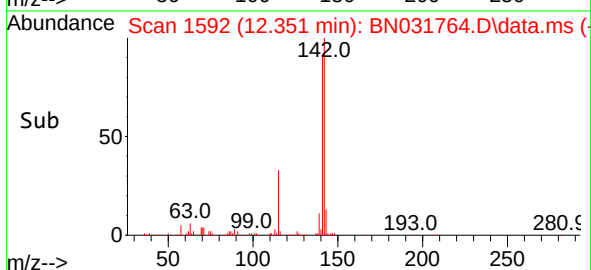
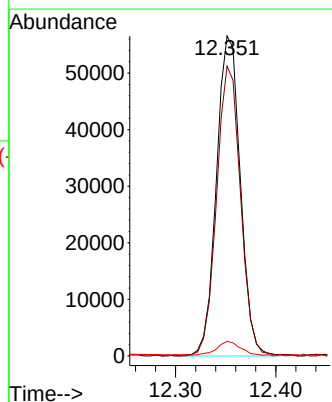
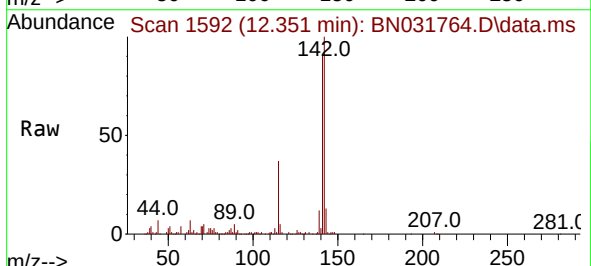
Manual Integrations
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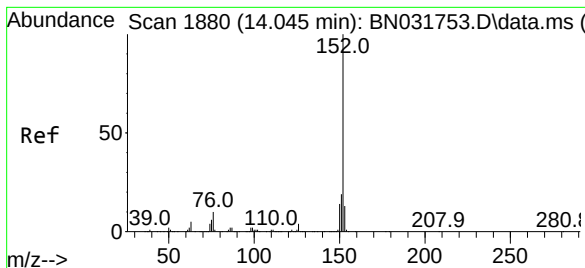
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#37
1-Methylnaphthalene
Concen: 1.122 ng/ul
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

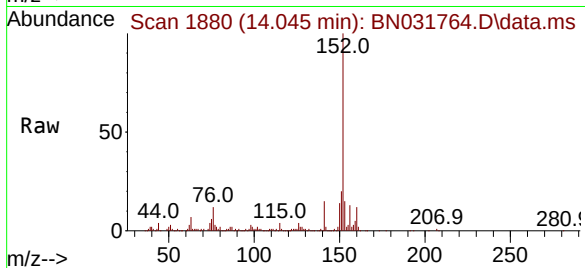
Tgt Ion:142 Resp: 93517
Ion Ratio Lower Upper
142 100
141 90.5 71.7 107.5
116 4.6 3.0 4.4#





#50
Acenaphthylene
Concen: 1.490 ng/ul
RT: 14.045 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

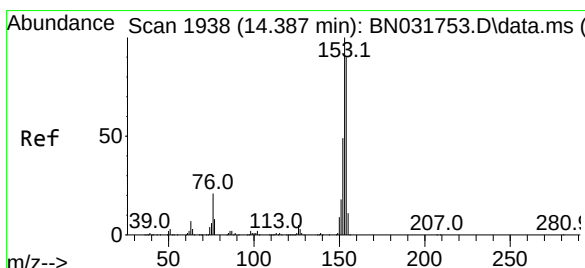
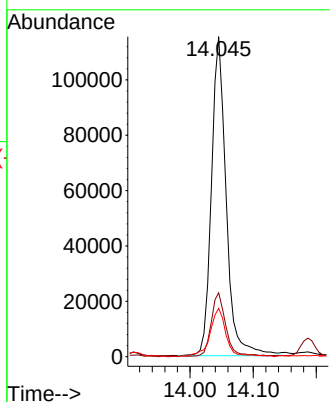
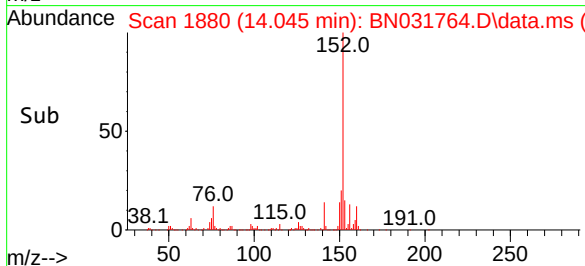
Instrument :
BNA_N
ClientSampleId :
BHBNO



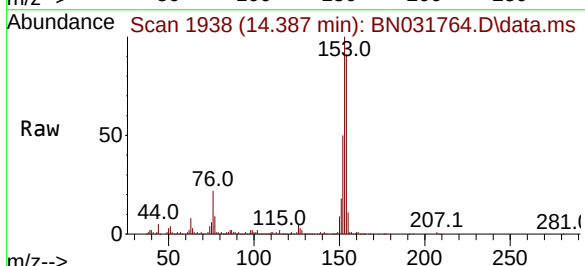
Tgt Ion:152 Resp: 18720
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 15.1 10.4 15.6

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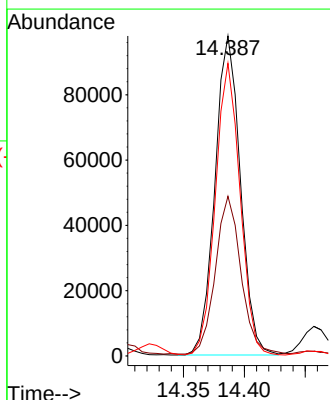
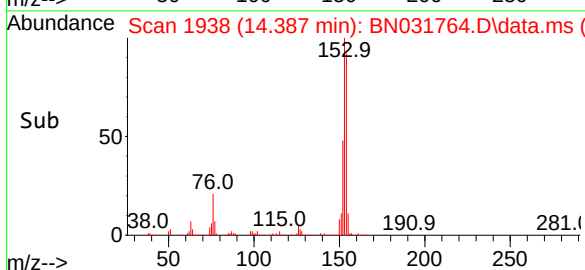
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

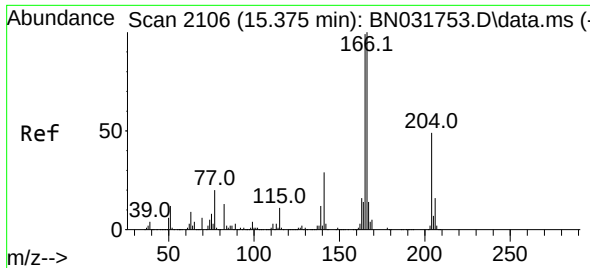


#52
Acenaphthene
Concen: 1.713 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56



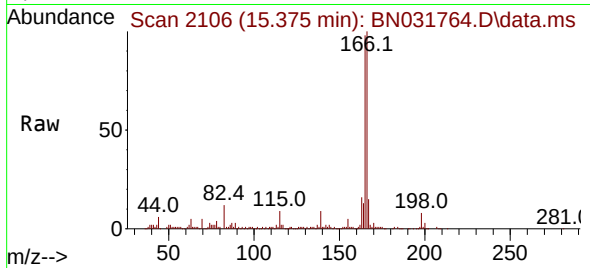
Tgt Ion:153 Resp: 142431
Ion Ratio Lower Upper
153 100
152 49.9 37.8 56.6
154 91.5 69.8 104.8





#61
Fluorene
Concen: 1.677 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

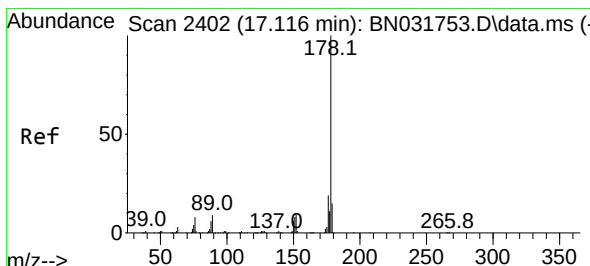
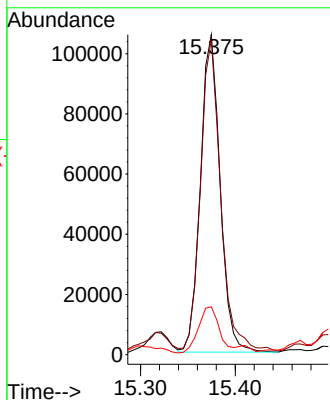
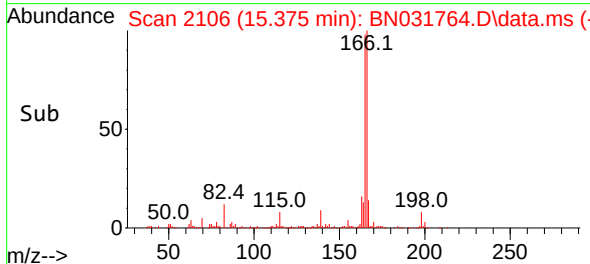
Instrument :
BNA_N
ClientSampleId :
BHBNO



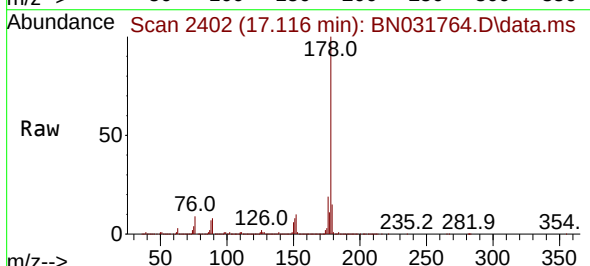
Tgt Ion:166 Resp: 15256
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 15.0 11.3 16.9

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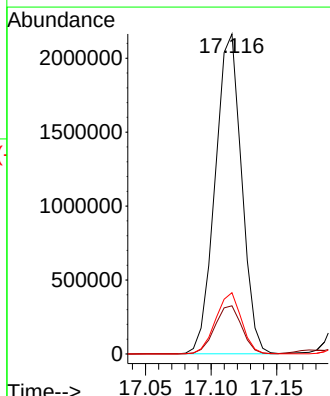
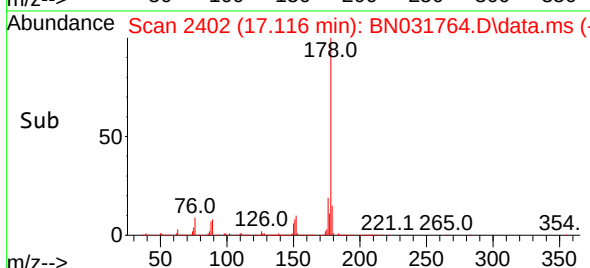
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

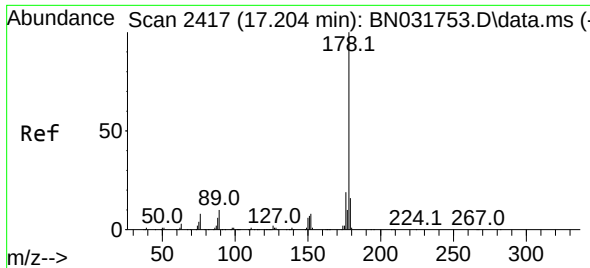


#72
Phenanthrene
Concen: 24.041 ng/ul
RT: 17.116 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56



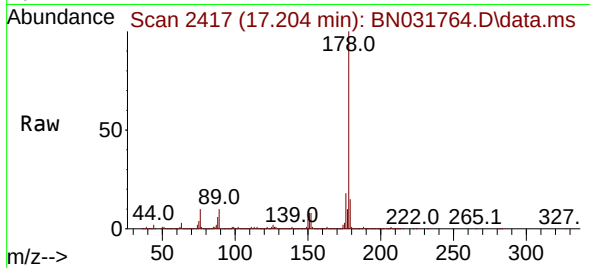
Tgt Ion:178 Resp: 3031250
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 19.1 15.8 23.6





#74
 Anthracene
 Concen: 4.724 ng/ul
 RT: 17.204 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BN031764.D
 Acq: 03 Jun 2024 17:56

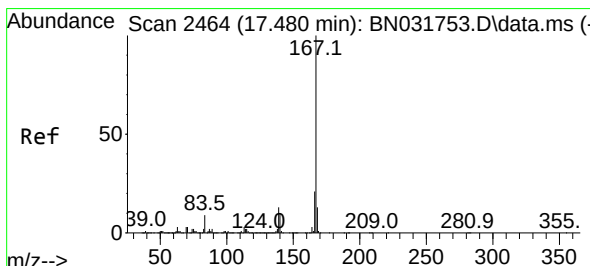
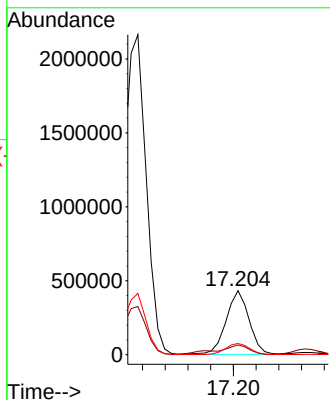
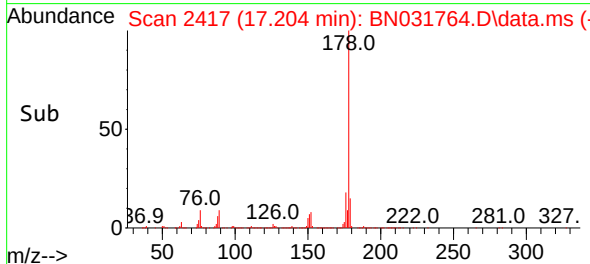
Instrument :
 BNA_N
 ClientSampleId :
 BHBNO



Tgt Ion:178 Resp: 603519
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.6
 176 17.5 14.8 22.2

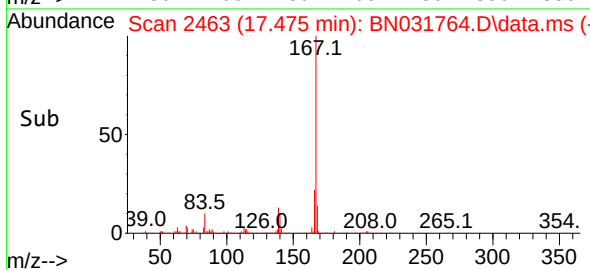
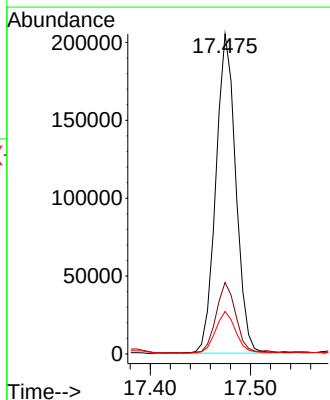
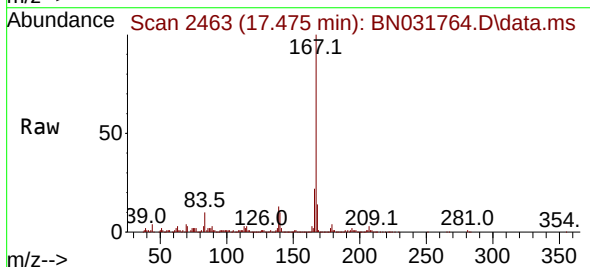
Manual Integrations
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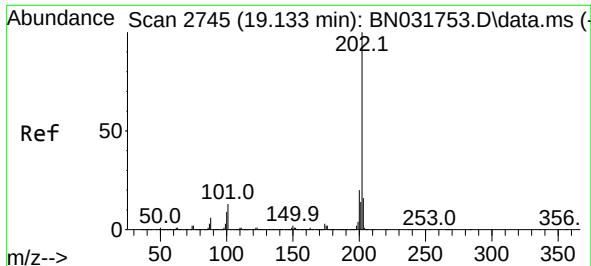
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#77
 Carbazole
 Concen: 2.598 ng/ul
 RT: 17.475 min Scan# 2463
 Delta R.T. -0.000 min
 Lab File: BN031764.D
 Acq: 03 Jun 2024 17:56

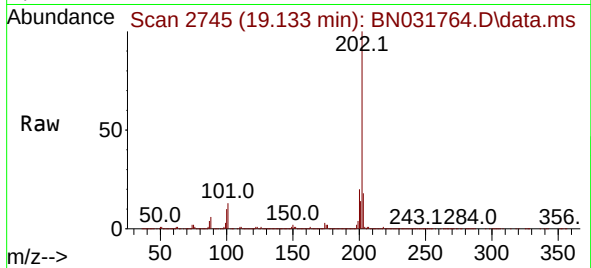
Tgt Ion:167 Resp: 283026
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.3 10.5 15.7





#80
Fluoranthene
Concen: 53.726 ng/u1
RT: 19.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

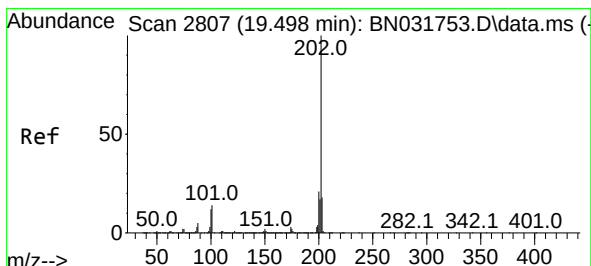
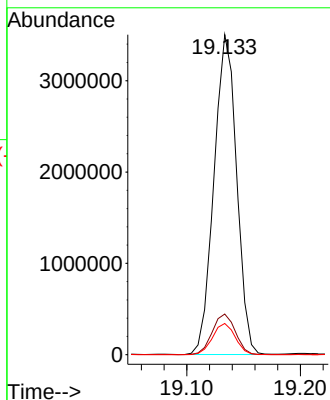
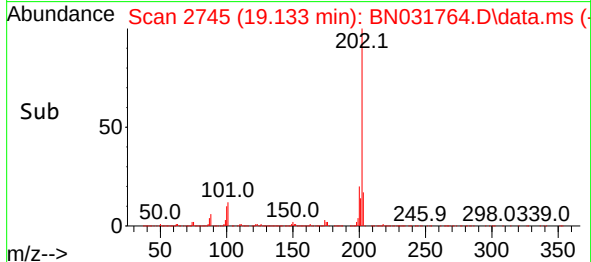
Instrument :
BNA_N
ClientSampleId :
BHBNO



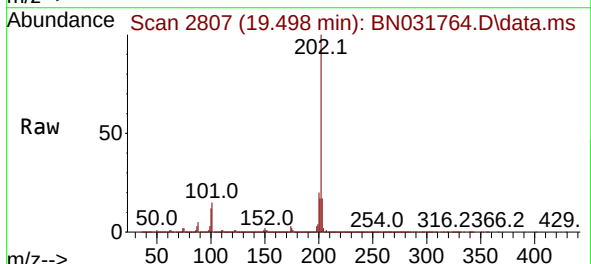
Tgt Ion:202 Resp: 4858572
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.8 8.0 12.0

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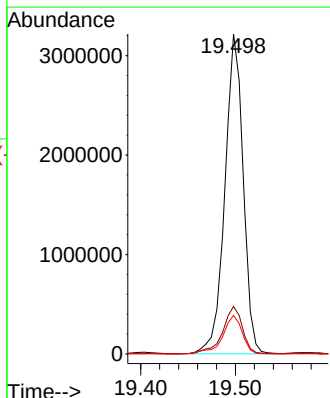
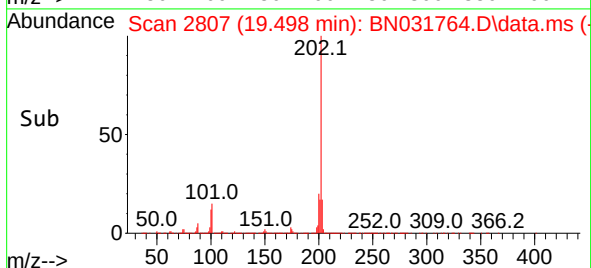
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

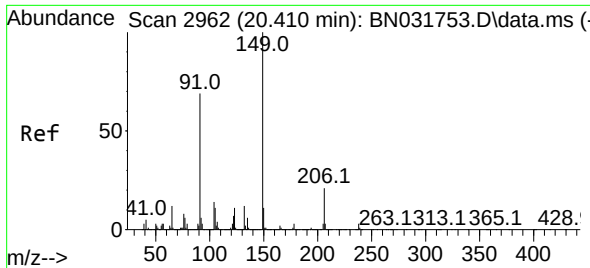


#82
Pyrene
Concen: 46.586 ng/u1
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56



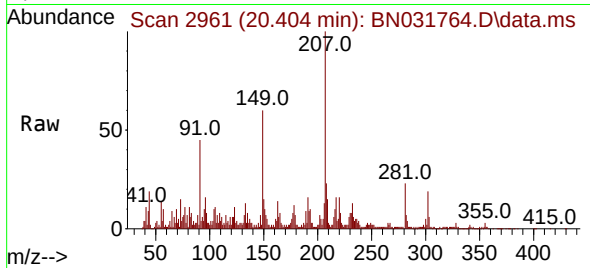
Tgt Ion:202 Resp: 4322408
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.0 10.2 15.2





#83
Butylbenzylphthalate
Concen: 1.092 ng/ul
RT: 20.404 min Scan# 2961
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

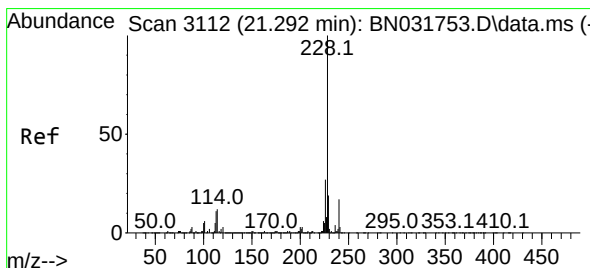
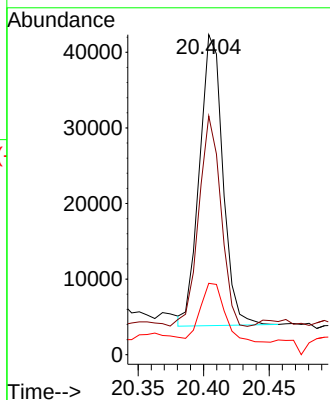
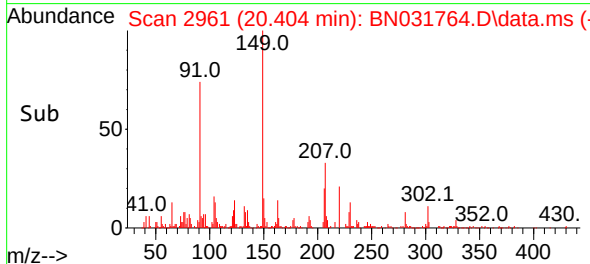
Instrument :
BNA_N
ClientSampleId :
BHBNO



Tgt Ion:149 Resp: 47872
Ion Ratio Lower Upper
149 100
91 74.6 61.0 91.4
206 22.3 16.5 24.7

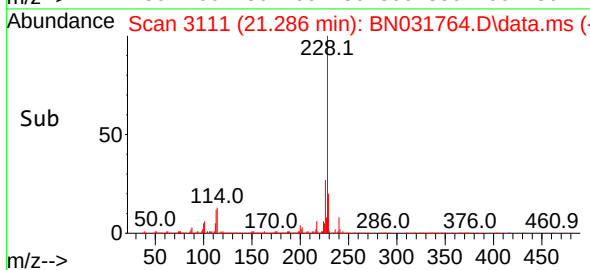
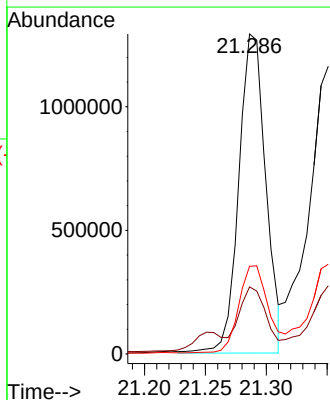
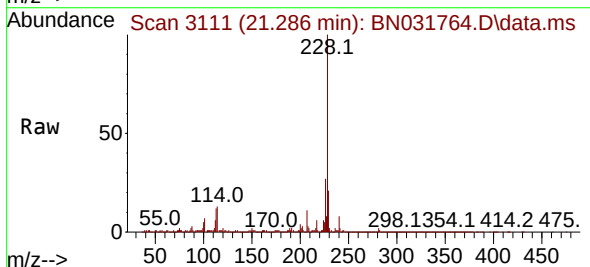
Manual Integrations
APPROVED

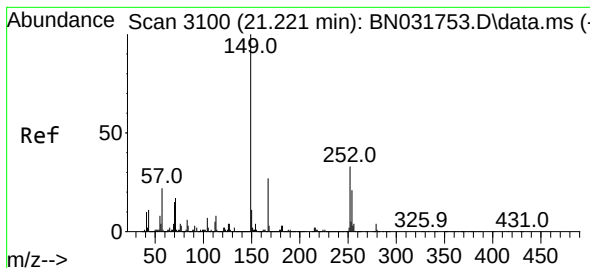
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#85
Benzo(a)anthracene
Concen: 21.045 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

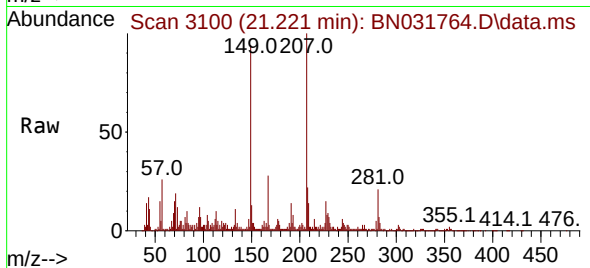
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Ion Ratio Lower Upper
228 100
229 21.0 16.7 25.1
226 27.4 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.674 ng/ul
RT: 21.221 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

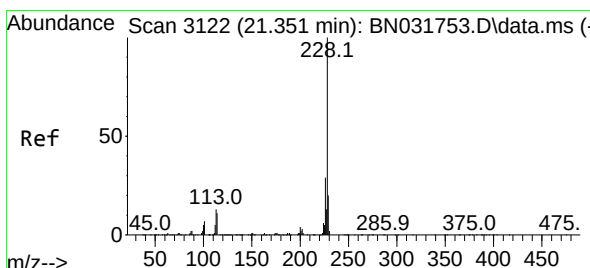
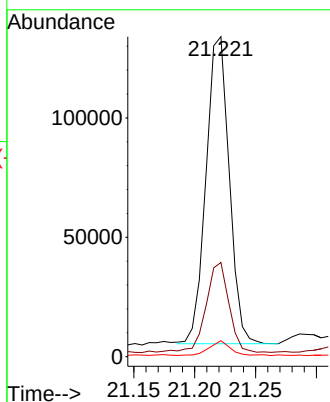
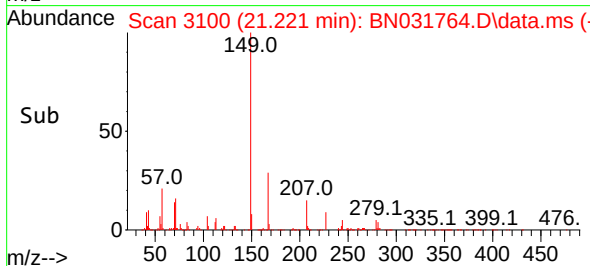
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BNA_N
ClientSampleId :
BHBNO



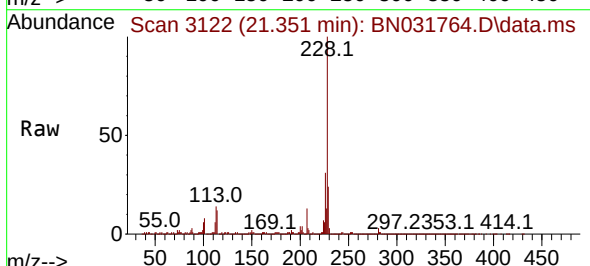
Tgt Ion:149 Resp: 170819
Ion Ratio Lower Upper
149 100
167 29.4 21.4 32.0
279 5.0 3.3 4.9

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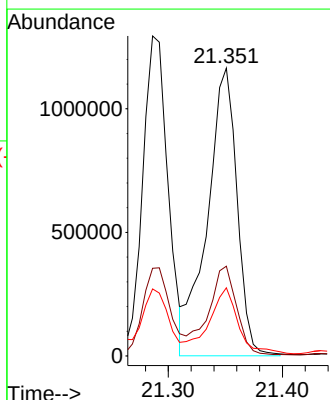
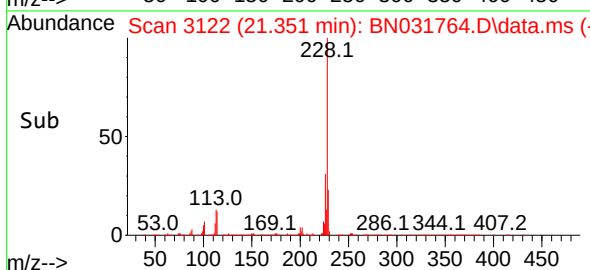
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

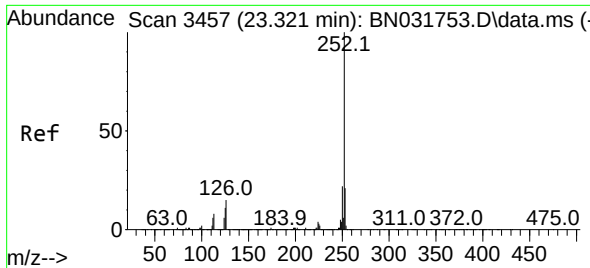


#87
Chrysene
Concen: 23.868 ng/ul m
RT: 21.351 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56



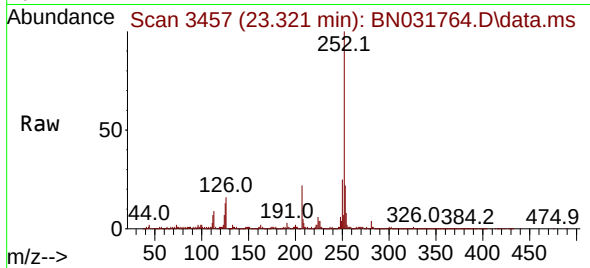
Tgt Ion:228 Resp: 2110171
Ion Ratio Lower Upper
228 100
226 31.2 23.7 35.5
229 23.7 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 26.932 ng/ul
RT: 23.321 min Scan# 3457
Delta R.T. 0.012 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

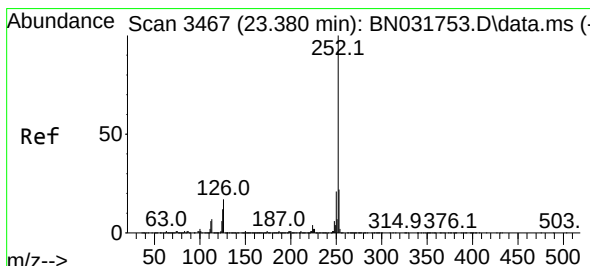
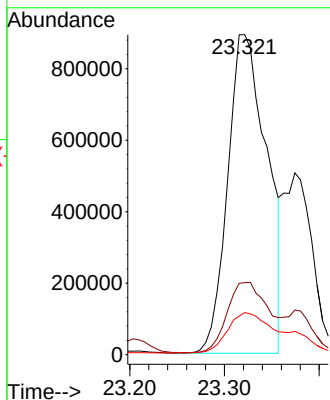
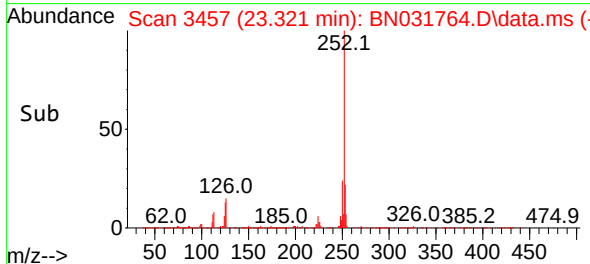
Instrument :
BNA_N
ClientSampleId :
BHBNO



Tgt Ion:252 Resp: 2566039
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.1 9.2 13.8

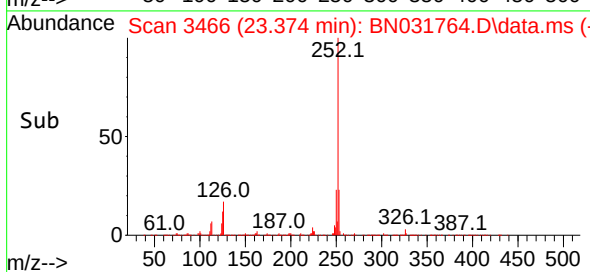
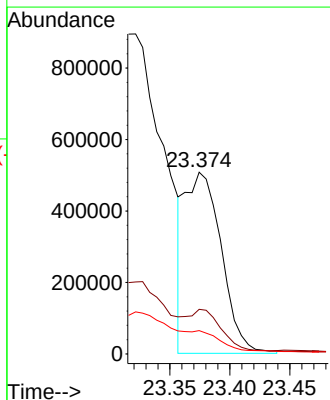
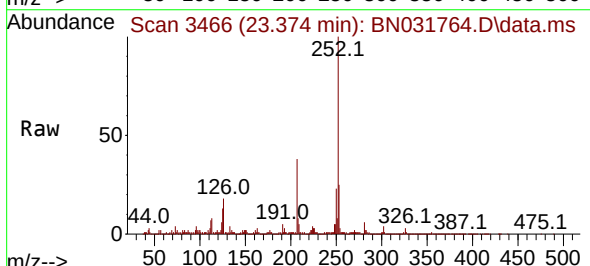
Manual Integrations
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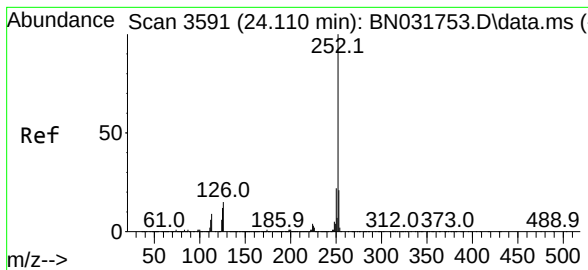
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#91
Benzo(k)fluoranthene
Concen: 11.407 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031764.D
Acq: 03 Jun 2024 17:56

Tgt Ion:252 Resp: 1066494
Ion Ratio Lower Upper
252 100
253 24.6 17.6 26.4
125 12.9 9.4 14.2





#93

Benzo(a)pyrene

Concen: 21.643 ng/ul

RT: 24.110 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031764.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_N

ClientSampleId :

BHBN0

Tgt Ion:252 Resp: 1931300

Ion Ratio Lower Upper

252 100

253 23.5 16.6 24.8

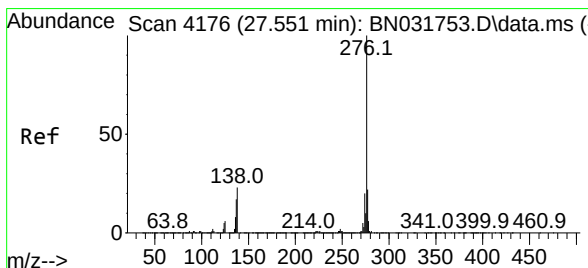
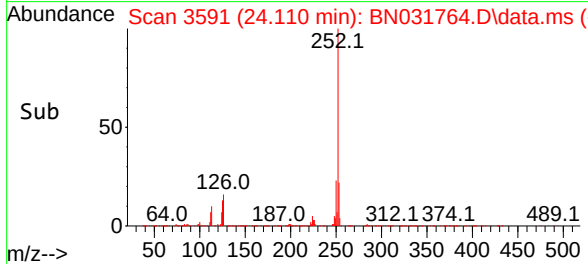
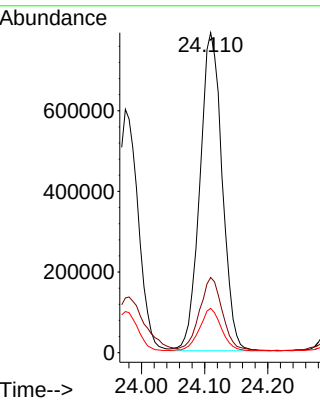
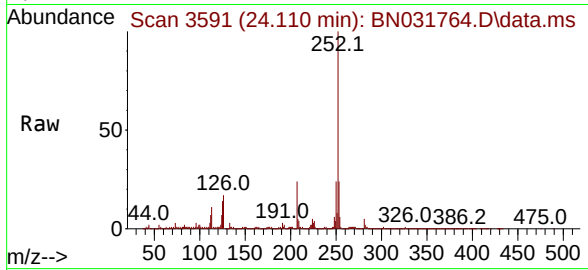
125 13.8 9.8 14.8

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: 13.746 ng/ul

RT: 27.556 min Scan# 4177

Delta R.T. 0.023 min

Lab File: BN031764.D

Acq: 03 Jun 2024 17:56

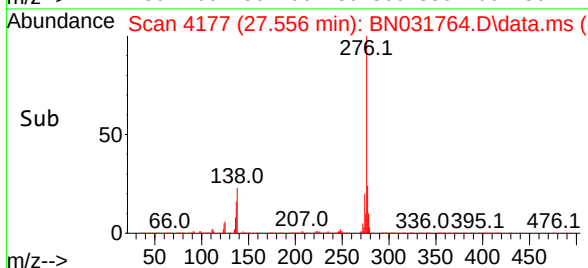
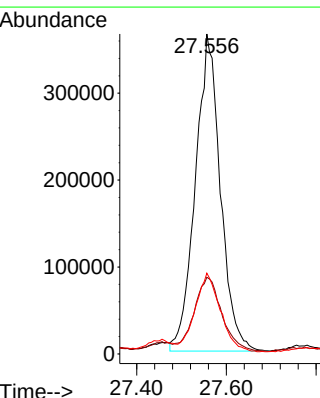
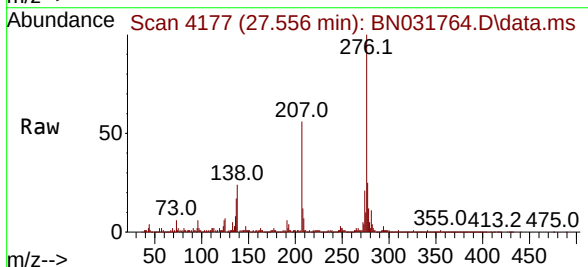
Tgt Ion:276 Resp: 1413536

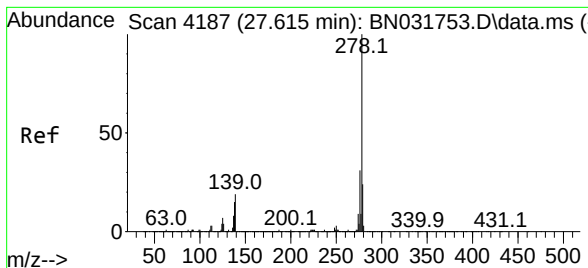
Ion Ratio Lower Upper

276 100

138 24.0 18.1 27.1

277 25.3 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 4.497 ng/ul m

RT: 27.604 min Scan# 4185

Delta R.T. -0.000 min

Lab File: BN031764.D

Acq: 03 Jun 2024 17:56

Instrument :

BNA_N

ClientSampleId :

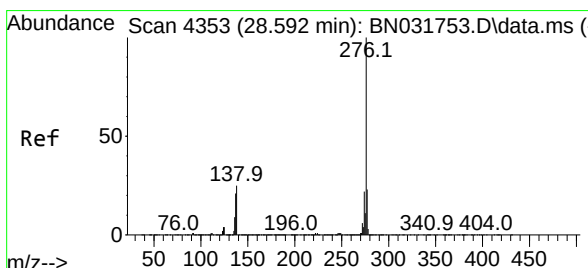
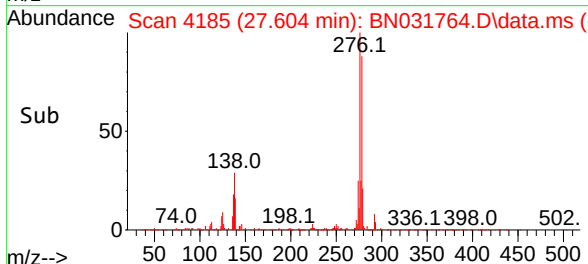
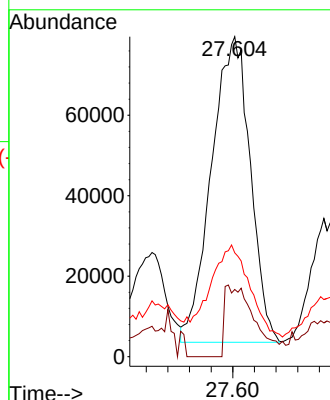
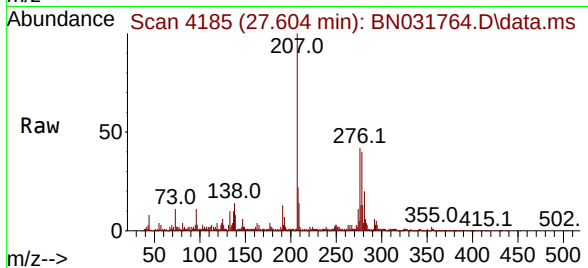
BHBN0

Tgt Ion:278 Resp: 37756
 Ion Ratio Lower Upper
 278 100
 139 21.0 15.0 22.6
 279 32.5 17.4 26.0

Manual Integrations

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



#96

Benzo(g,h,i)perylene

Concen: 17.030 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.023 min

Lab File: BN031764.D

Acq: 03 Jun 2024 17:56

Tgt Ion:276 Resp: 1392114
 Ion Ratio Lower Upper
 276 100
 138 25.8 20.9 31.3
 277 24.6 18.0 27.0

