

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031854.D
 Acq On : 08 Jun 2024 11:55
 Operator : MA/JU
 Sample : P2634-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 02:26:17 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	585703	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	2491196	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1493031	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2732255	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1927716	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	2448186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	82311	5.814	ng/uL	0.00
4) Pyridine-d5	3.593	84	1097469	27.538	ng/u1	0.00
7) Phenol-d5	6.852	99	1685797	33.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	923060	31.429	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.205	132	1388227	36.235	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	1282049	31.323	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	695827	36.531	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	776406	39.460	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	1271591	34.617	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	1321212	24.225	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	3494712	33.599	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	4213222	35.228	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	630025	30.252	ng/u1	0.00
60) Fluorene-d10	15.310	176	2918185	33.158	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	361042	26.289	ng/u1	0.00
73) Anthracene-d10	17.163	188	4103477	35.080	ng/u1	0.00
81) Pyrene-d10	19.463	212	3818167	37.013	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	4103286	35.100	ng/u1	0.01
Target Compounds	Qvalue					
50) Acenaphthylene	14.039	152	530664	3.926	ng/u1	99
61) Fluorene	15.369	166	103897	1.062	ng/u1	95
72) Phenanthrene	17.104	178	2287340	16.434	ng/u1	99
74) Anthracene	17.198	178	549395	3.896	ng/u1	97
77) Carbazole	17.469	167	202521	1.684	ng/u1	99
80) Fluoranthene	19.127	202	4150760	33.669	ng/u1	99
82) Pyrene	19.498	202	3986714	31.519	ng/u1	94
85) Benzo(a)anthracene	21.286	228	2025970	15.701	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	112202	1.288	ng/u1	96
87) Chrysene	21.345	228	2232692	18.525	ng/u1	96
90) Benzo(b)fluoranthene	23.315	252	3009287	20.565	ng/u1	99
91) Benzo(k)fluoranthene	23.374	252	1040400m	7.245	ng/u1	
93) Benzo(a)pyrene	24.110	252	2138865	15.606	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.551	276	1650147	10.448	ng/u1	97
95) Dibenzo(a,h)anthracene	27.586	278	428685	3.325	ng/u1#	91
96) Benzo(g,h,i)perylene	28.592	276	1575993	12.553	ng/u1	97

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

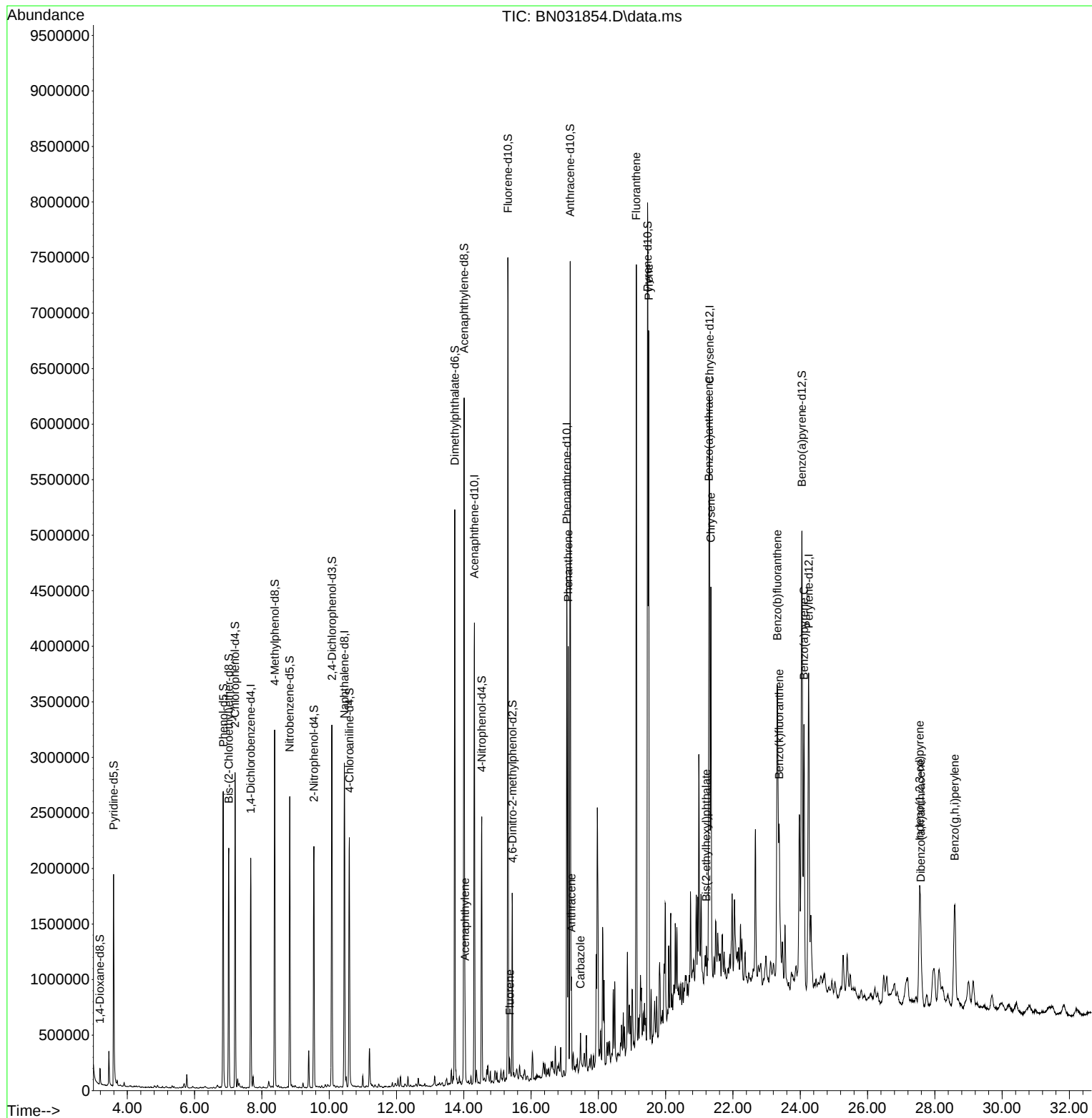
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
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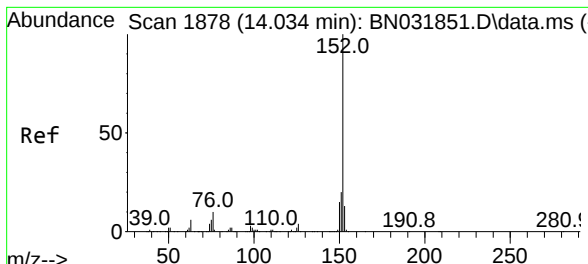
Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 06/10/2024

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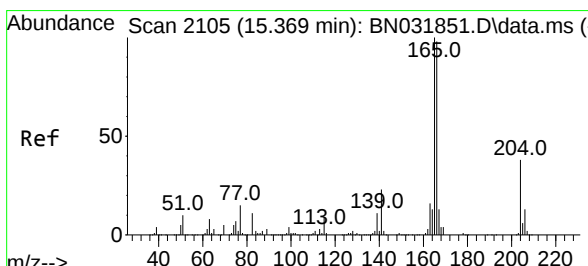
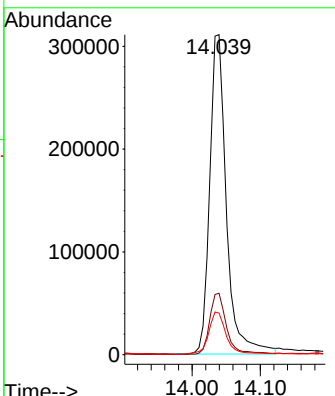
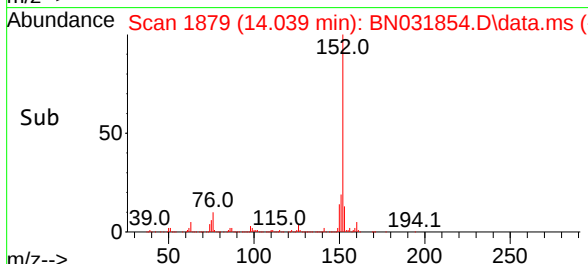
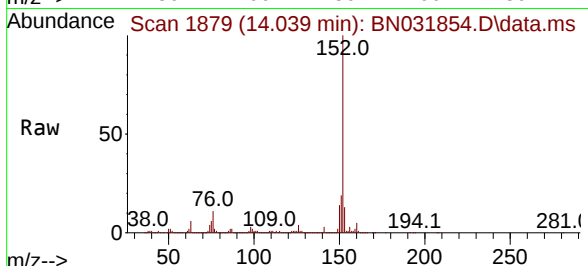
#50
Acenaphthylene
Concen: 3.926 ng/ul
RT: 14.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

Instrument : BNA_N
ClientSampleId : BHBX4

Tgt Ion:	152	Resp:	530664
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.9	23.9
153	13.0	10.4	15.6

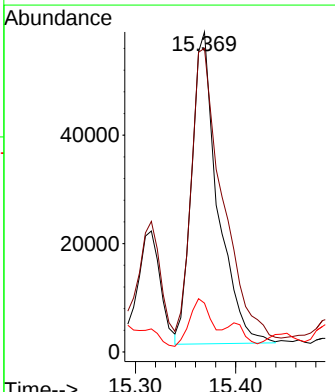
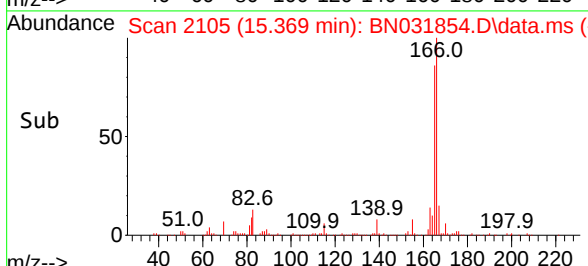
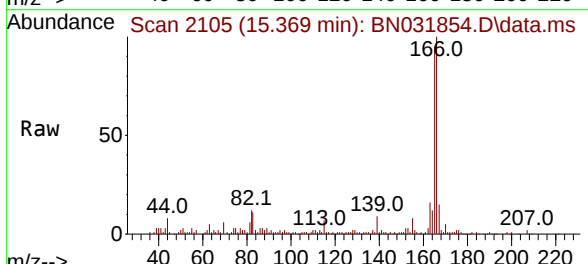
Manual Integrations
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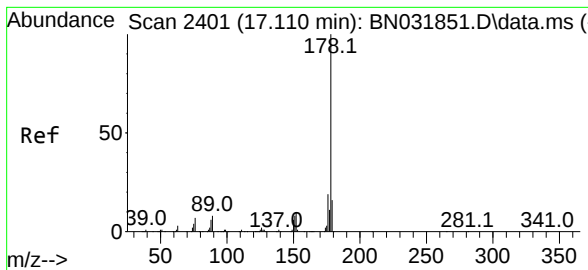
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#61
Fluorene
Concen: 1.062 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

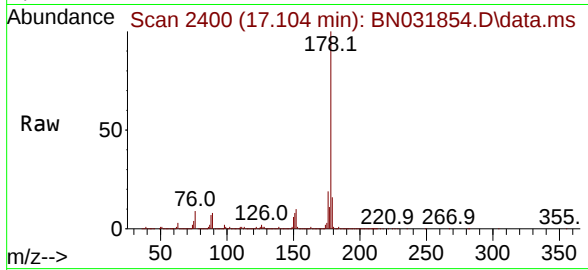
Tgt Ion:	166	Resp:	103897
Ion Ratio	Lower	Upper	
166	100		
165	94.9	80.3	120.5
167	15.3	11.3	16.9





#72
 Phenanthrene
 Concen: 16.434 ng/ul
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

Instrument : BNA_N
 ClientSampleId : BHBX4

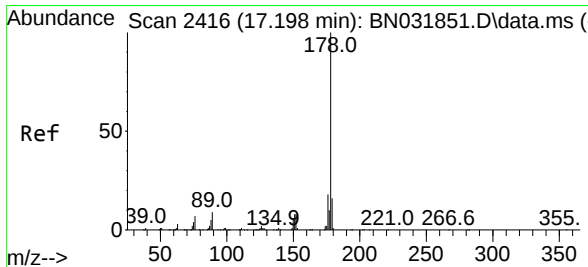
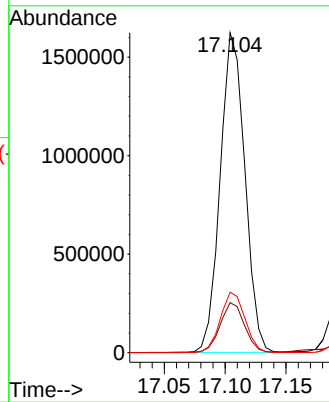
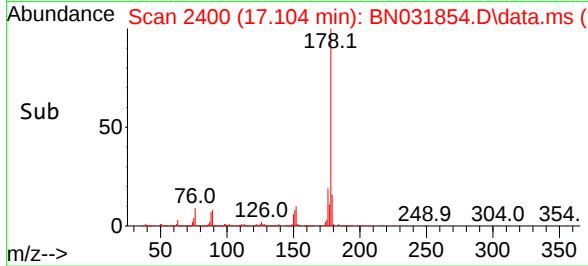


Tgt Ion:178 Resp: 2287340

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.9	15.8	23.6

Manual Integrations
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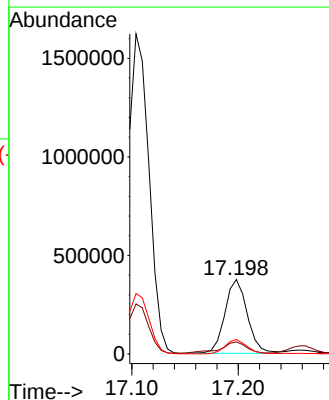
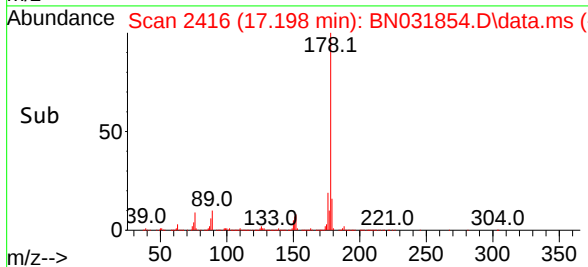
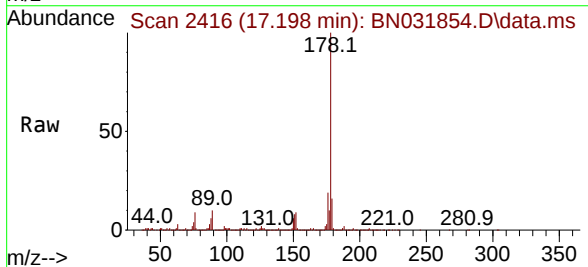
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

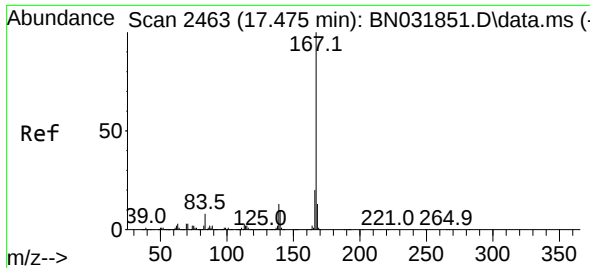


#74
 Anthracene
 Concen: 3.896 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

Tgt Ion:178 Resp: 549395

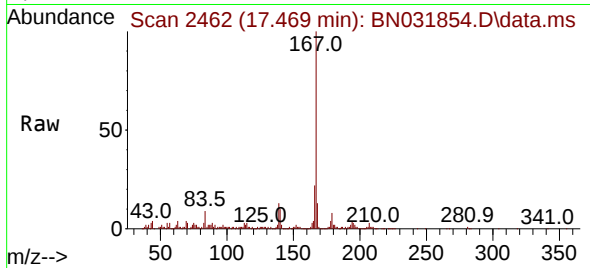
Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.6
176	19.4	14.8	22.2





#77
 Carbazole
 Concen: 1.684 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

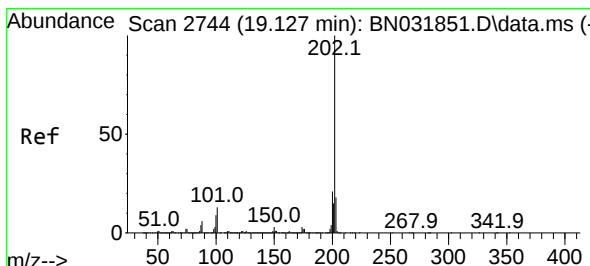
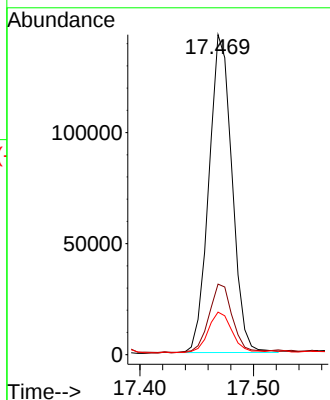
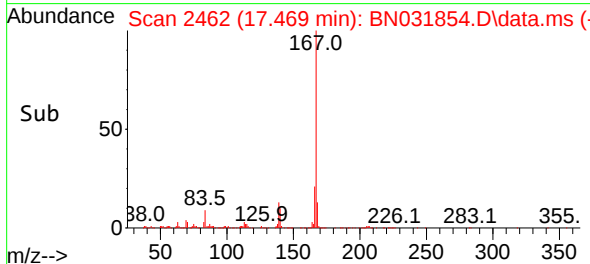
Instrument :
 BNA_N
 ClientSampleId :
 BHBX4



Tgt Ion:167 Resp: 20252
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.3 10.5 15.7

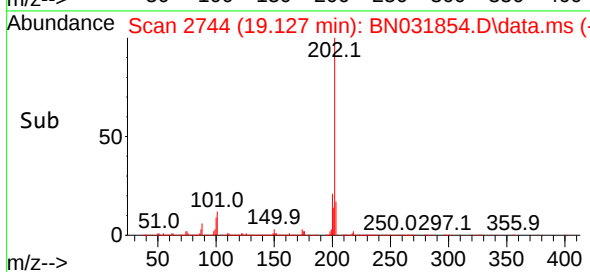
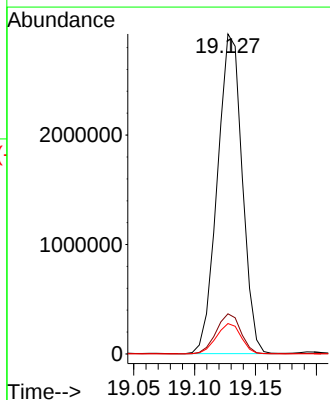
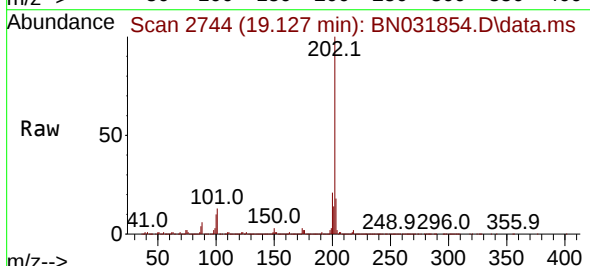
Manual Integrations
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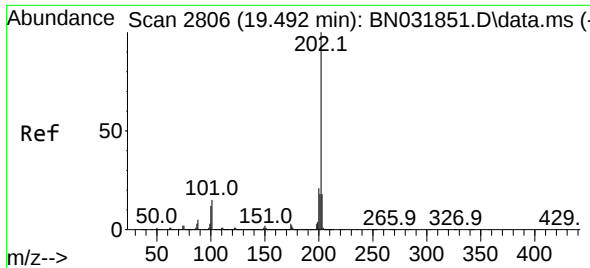
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#80
 Fluoranthene
 Concen: 33.669 ng/ul
 RT: 19.127 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031854.D
 Acq: 08 Jun 2024 11:55

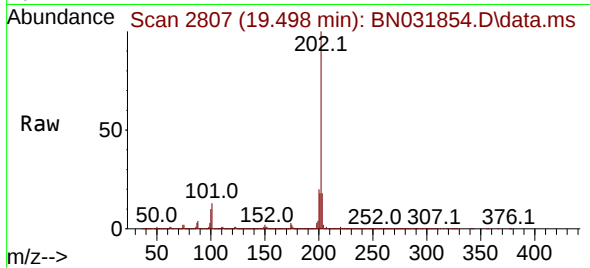
Tgt Ion:202 Resp: 4150760
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.3 15.5
 100 9.5 8.0 12.0





#82
Pyrene
Concen: 31.519 ng/ul
RT: 19.498 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

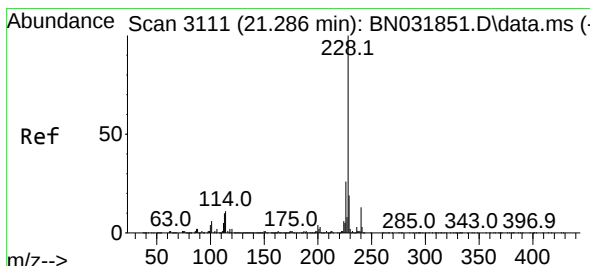
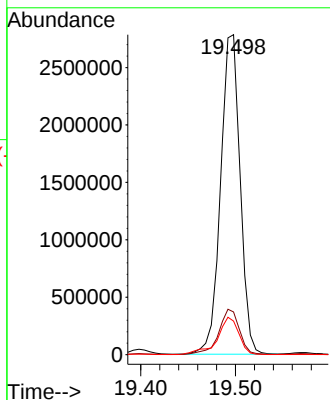
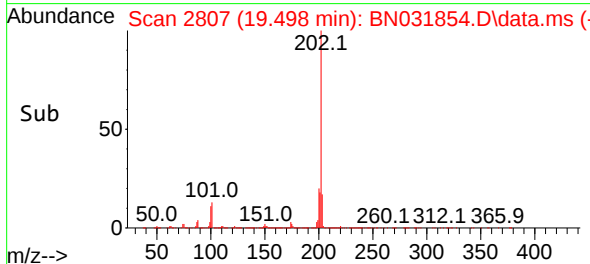
Instrument :
BNA_N
ClientSampleId :
BHBX4



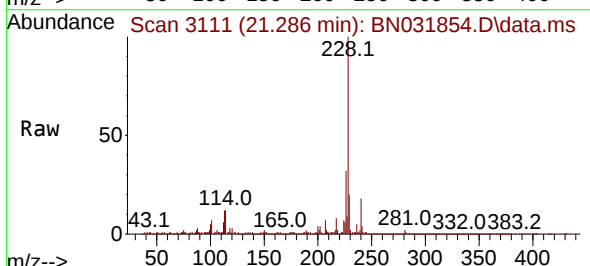
Tgt Ion:202 Resp: 3986714
Ion Ratio Lower Upper
202 100
101 13.4 12.6 18.8
100 10.5 10.2 15.2

Manual Integrations
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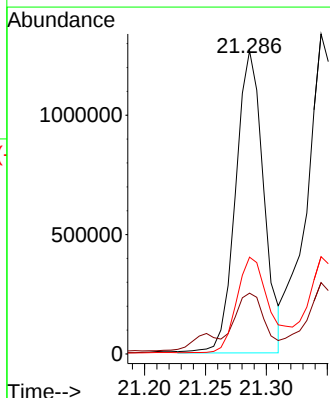
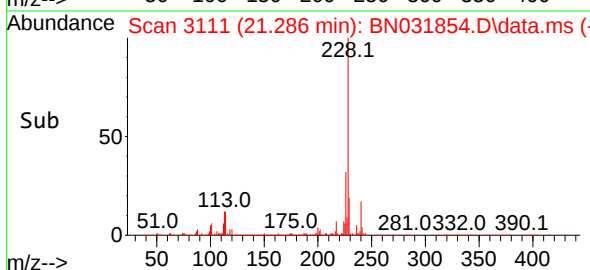
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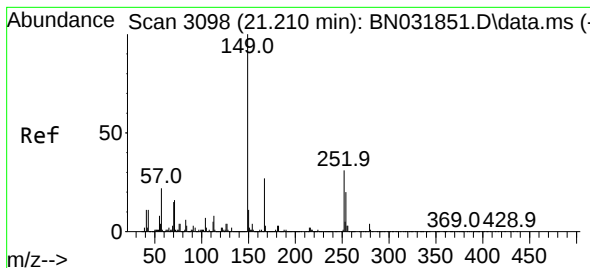


#85
Benzo(a)anthracene
Concen: 15.701 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55



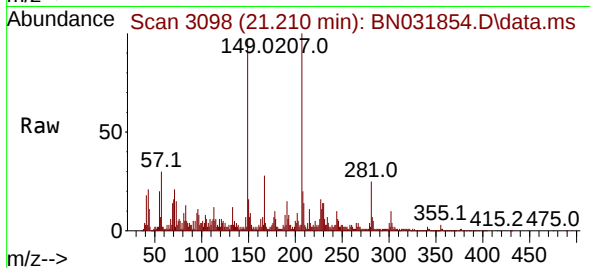
Tgt Ion:228 Resp: 2025970
Ion Ratio Lower Upper
228 100
229 20.1 16.7 25.1
226 31.9 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.288 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

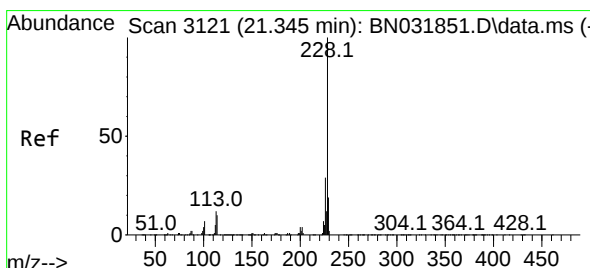
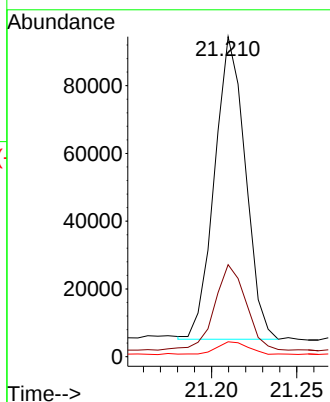
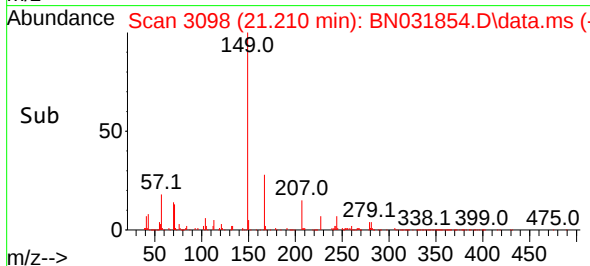
Instrument :
BNA_N
ClientSampleId :
BHBX4



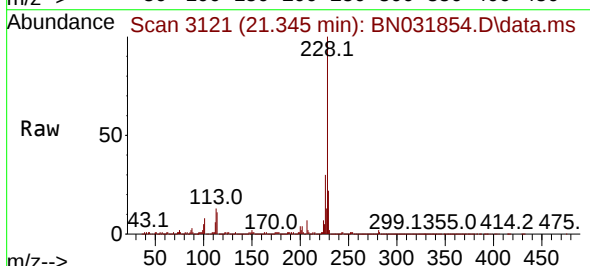
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Ion Ratio Lower Upper
149 100
167 28.7 21.4 32.0
279 4.6 3.3 4.9

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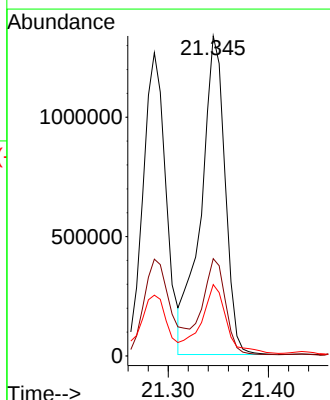
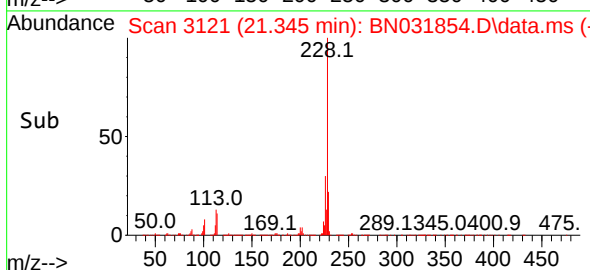
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

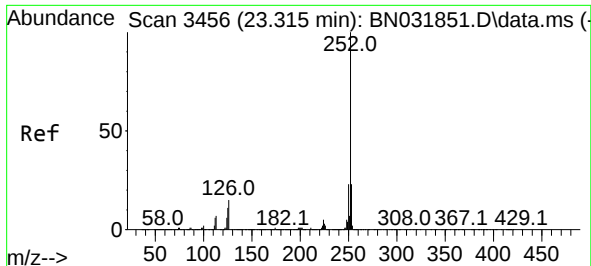


#87
Chrysene
Concen: 18.525 ng/ul
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55



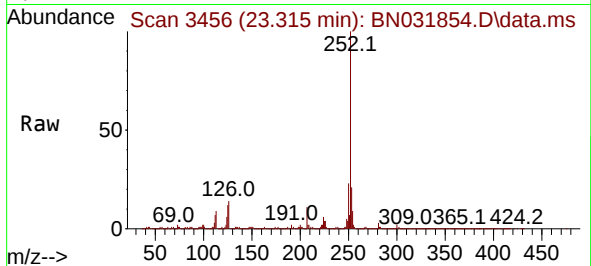
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Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 22.3 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 20.565 ng/ul
RT: 23.315 min Scan# 3456
Delta R.T. 0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

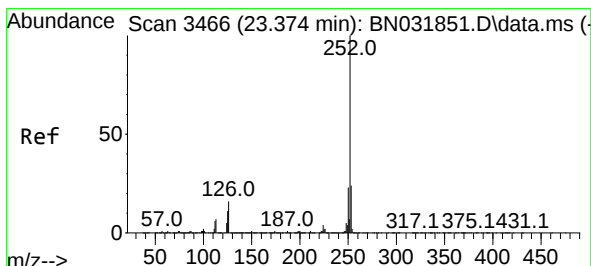
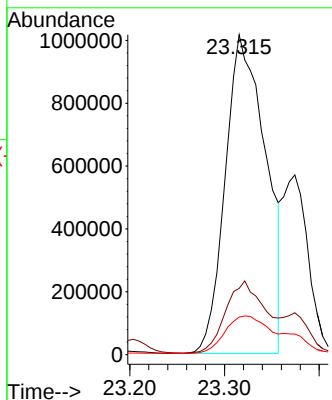
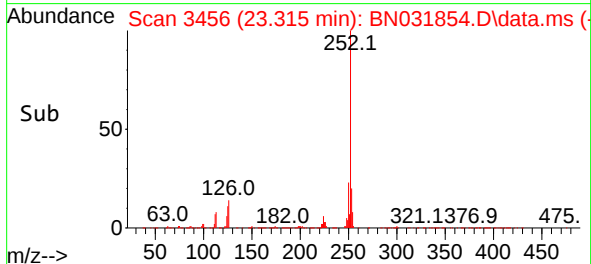
Instrument :
BNA_N
ClientSampleId :
BHBX4



Tgt Ion:252 Resp: 300928
Ion Ratio Lower Upper
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253 20.7 17.0 25.6
125 11.8 9.2 13.8

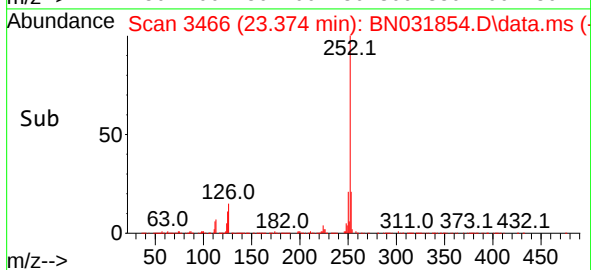
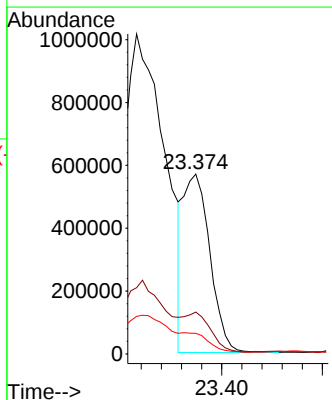
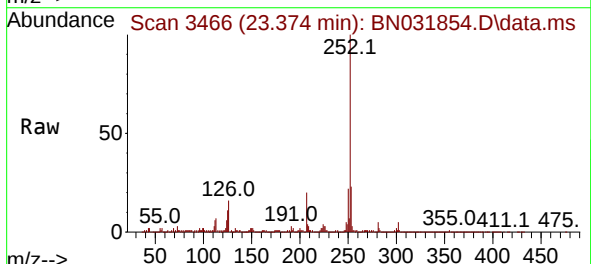
Manual Integrations
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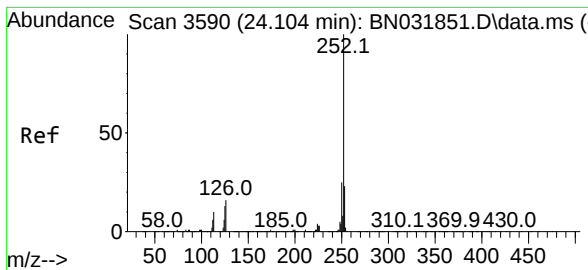
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024



#91
Benzo(k)fluoranthene
Concen: 7.245 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

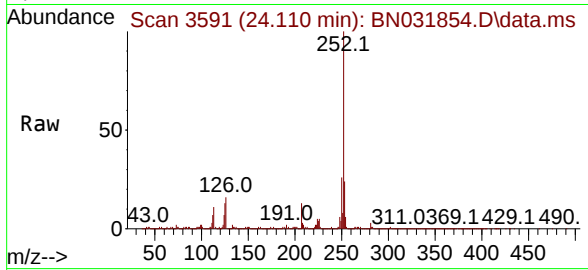
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Ion Ratio Lower Upper
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125 11.4 9.4 14.2





#93
Benzo(a)pyrene
Concen: 15.606 ng/ul
RT: 24.110 min Scan# 3590
Delta R.T. 0.006 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55

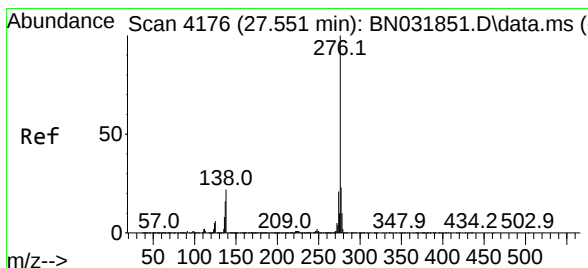
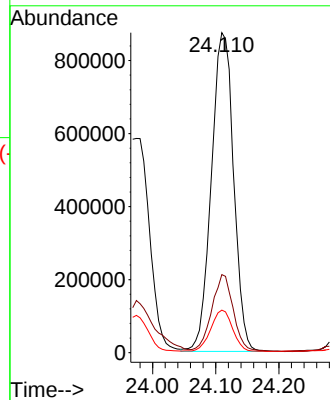
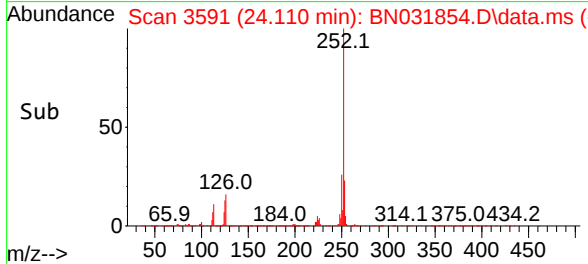
Instrument :
BNA_N
ClientSampleId :
BHBX4



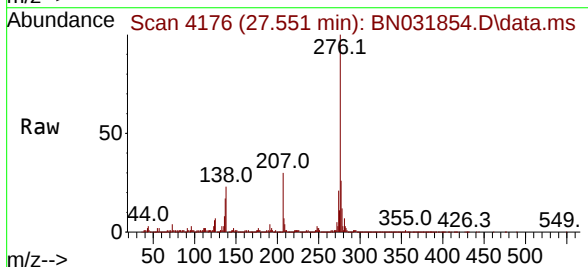
Tgt Ion:252 Resp: 213886
Ion Ratio Lower Upper
252 100
253 24.4 16.6 24.8
125 13.3 9.8 14.8

Manual Integrations
APPROVED

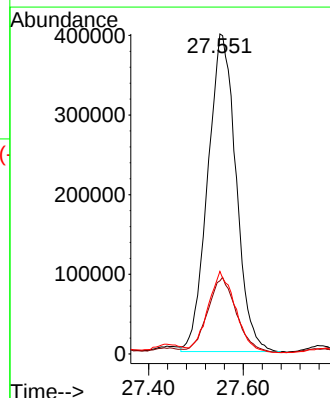
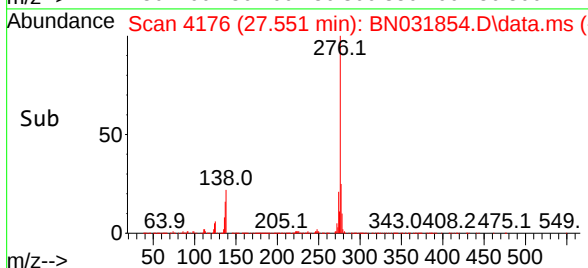
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

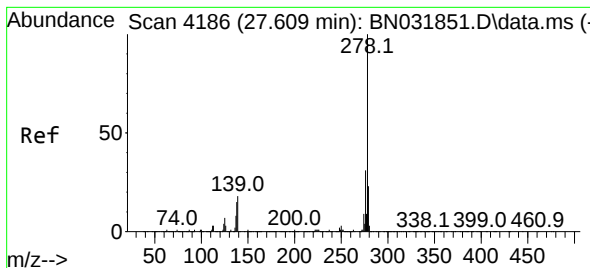


#94
Indeno(1,2,3-cd)pyrene
Concen: 10.448 ng/ul
RT: 27.551 min Scan# 4176
Delta R.T. 0.017 min
Lab File: BN031854.D
Acq: 08 Jun 2024 11:55



Tgt Ion:276 Resp: 1650147
Ion Ratio Lower Upper
276 100
138 22.9 18.1 27.1
277 25.8 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 3.325 ng/ul

RT: 27.586 min Scan# 4186

Delta R.T. -0.018 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

Instrument :

BNA_N

ClientSampleId :

BHBX4

Tgt Ion:278 Resp: 42868

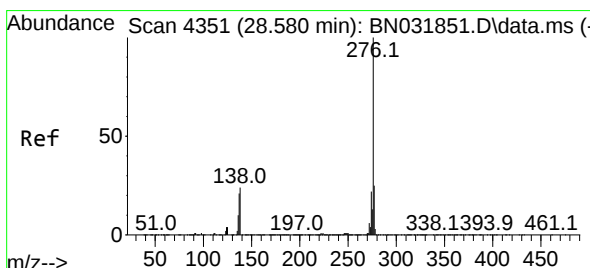
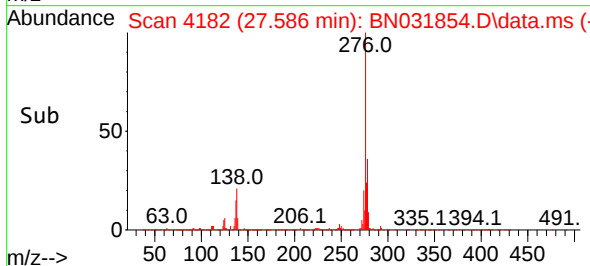
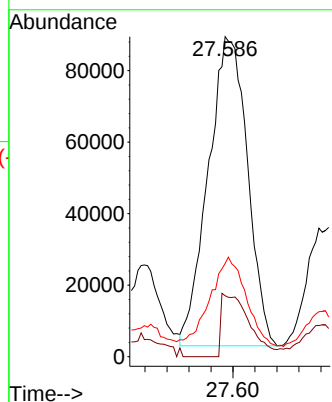
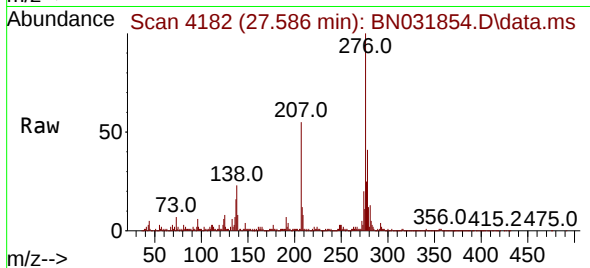
Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.0	22.6
279	29.2	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/10/2024

Supervised By :mohammad ahmed 06/10/2024



#96

Benzo(g,h,i)perylene

Concen: 12.553 ng/ul

RT: 28.592 min Scan# 4353

Delta R.T. 0.023 min

Lab File: BN031854.D

Acq: 08 Jun 2024 11:55

Tgt Ion:276 Resp: 1575993

Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.9	31.3
277	21.9	18.0	27.0

