

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031853.D
 Acq On : 08 Jun 2024 11:16
 Operator : MA/JU
 Sample : P2634-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW8

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 02:09:12 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	457735	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	2016396	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1221426	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2521806	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1780379	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1967948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	53248	4.813	ng/uL	-0.01
4) Pyridine-d5	3.587	84	690271	22.163	ng/u1	-0.01
7) Phenol-d5	6.846	99	1147189	29.235	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	629738	27.436	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	937707	31.318	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	892882	27.914	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	472842	30.669	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	523387	32.864	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.081	165	875143	29.434	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	1012999	22.947	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	2437918	28.650	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	2916191	29.805	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	443317	26.020	ng/u1	0.00
60) Fluorene-d10	15.310	176	2144262	29.782	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	248538	19.607	ng/u1	0.00
73) Anthracene-d10	17.163	188	3231852	29.934	ng/u1	0.00
81) Pyrene-d10	19.463	212	3460395	36.321	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2711848	28.859	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.034	152	436530	3.948	ng/u1	97
61) Fluorene	15.363	166	86171	1.077	ng/u1	96
72) Phenanthrene	17.104	178	2095155	16.309	ng/u1	99
74) Anthracene	17.198	178	445221	3.420	ng/u1	99
77) Carbazole	17.469	167	173683	1.565	ng/u1	98
80) Fluoranthene	19.128	202	4356449	38.262	ng/u1	98
82) Pyrene	19.492	202	4267024	36.527	ng/u1	97
83) Butylbenzylphthalate	20.398	149	82730	1.499	ng/u1	95
85) Benzo(a)anthracene	21.286	228	2033779	17.066	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	402598	5.006	ng/u1	99
87) Chrysene	21.345	228	2147801	19.295	ng/u1	95
90) Benzo(b)fluoranthene	23.316	252	2529601	21.505	ng/u1	99
91) Benzo(k)fluoranthene	23.374	252	852902m	7.389	ng/u1	
93) Benzo(a)pyrene	24.110	252	1837434	16.678	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	1270808	10.010	ng/u1	96
95) Dibenzo(a,h)anthracene	27.580	278	329645m	3.180	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	1223381	12.122	ng/u1	95

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

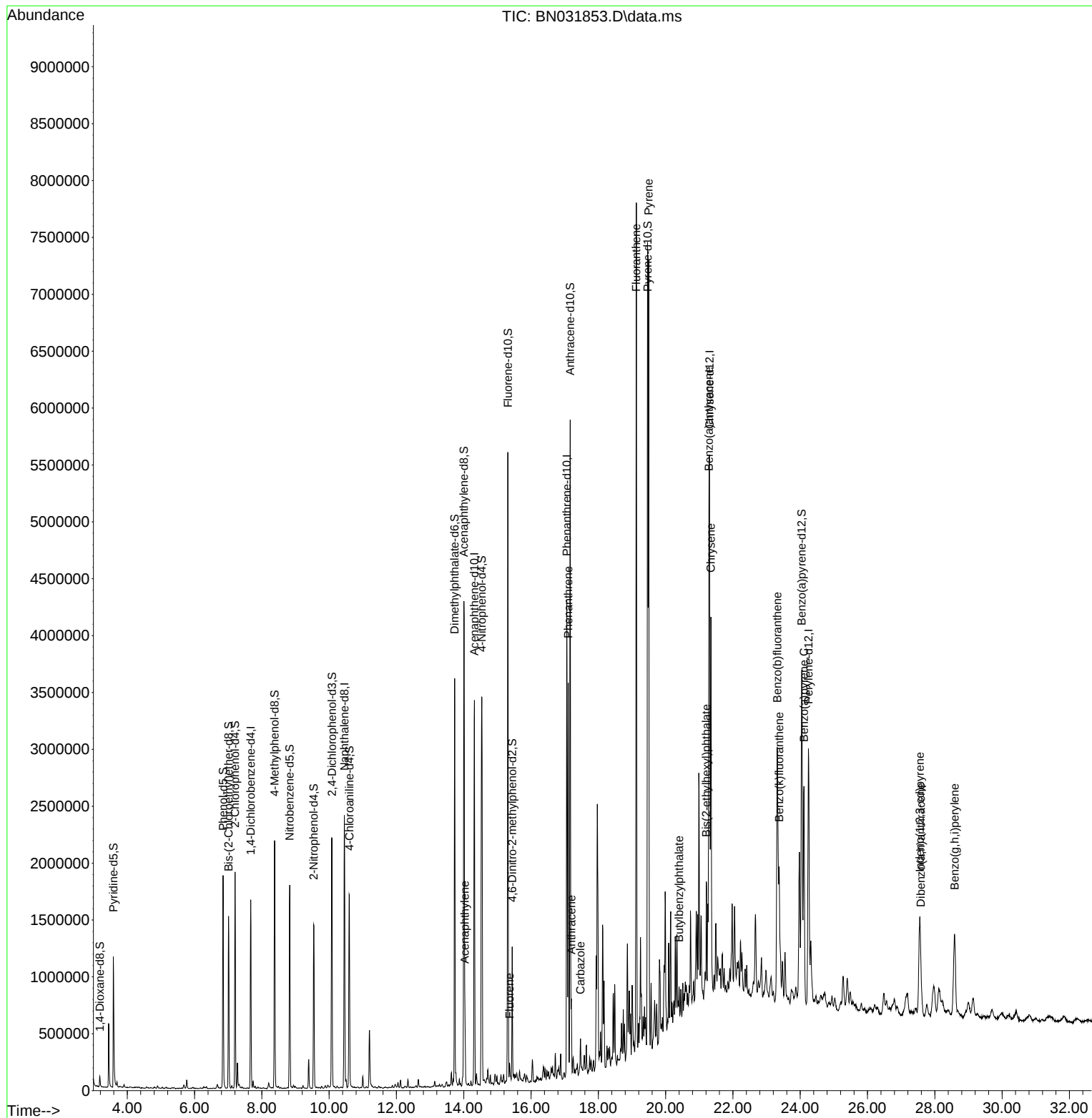
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031853.D
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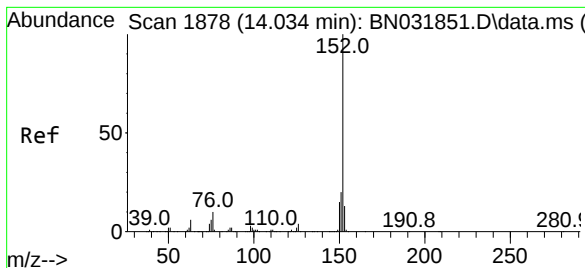
Instrument :
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#50

Acenaphthylene

Concen: 3.948 ng/ul

RT: 14.034 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN031853.D

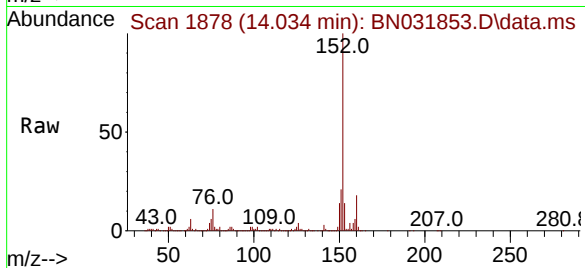
Acq: 08 Jun 2024 11:16

Instrument :

BNA_N

ClientSampleId :

BHBW8



Tgt Ion:152 Resp: 436530

Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

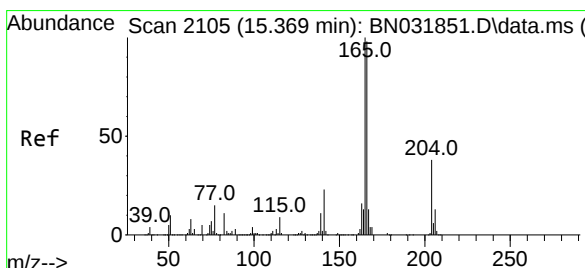
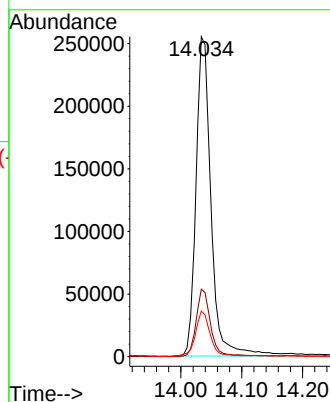
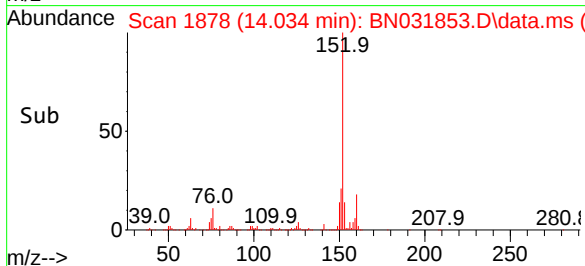
153 14.2 10.4 15.6

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#61

Fluorene

Concen: 1.077 ng/ul

RT: 15.363 min Scan# 2104

Delta R.T. -0.012 min

Lab File: BN031853.D

Acq: 08 Jun 2024 11:16

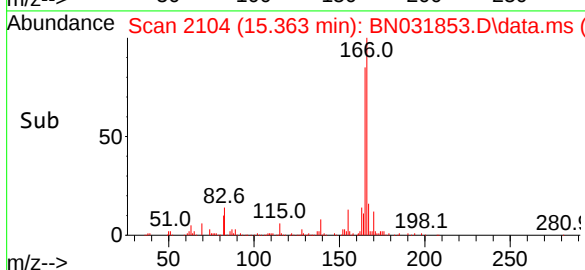
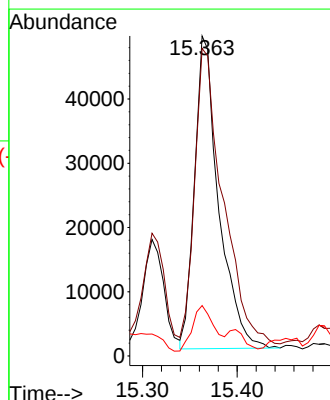
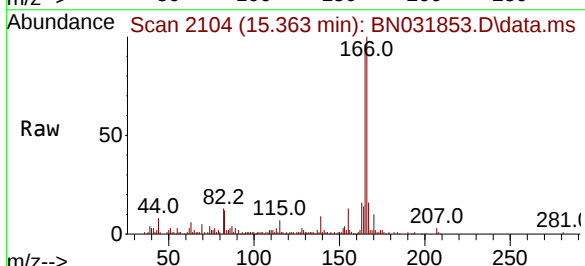
Tgt Ion:166 Resp: 86171

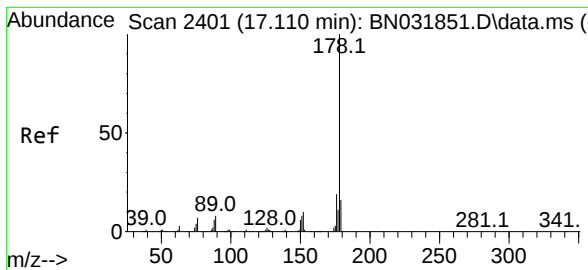
Ion Ratio Lower Upper

166 100

165 96.1 80.3 120.5

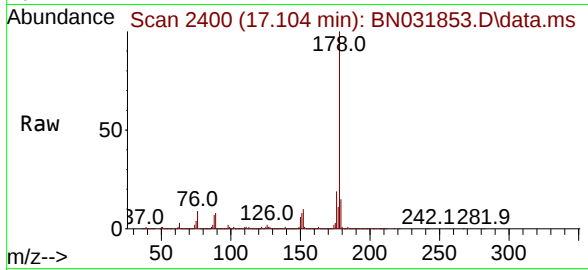
167 15.7 11.3 16.9





#72
 Phenanthrene
 Concen: 16.309 ng/u1
 RT: 17.104 min Scan# 2400
 Delta R.T. -0.012 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

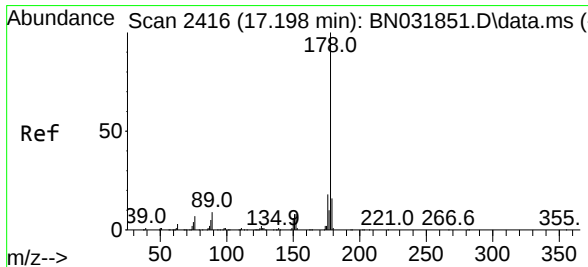
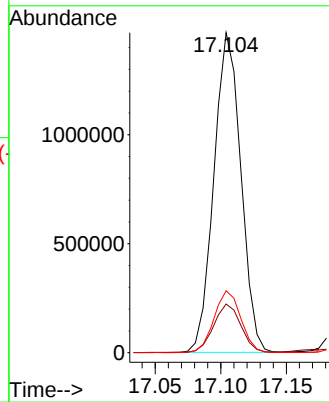
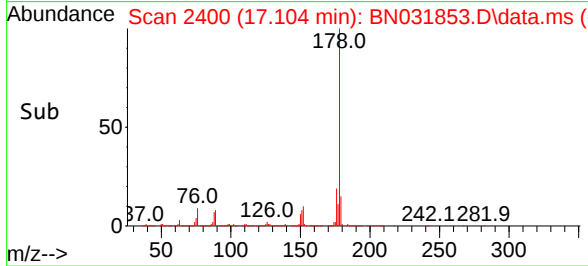
Instrument :
 BNA_N
 ClientSampleId :
 BHBW8



Tgt Ion:178 Resp: 209515
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.6 19.0
 176 19.4 15.8 23.6

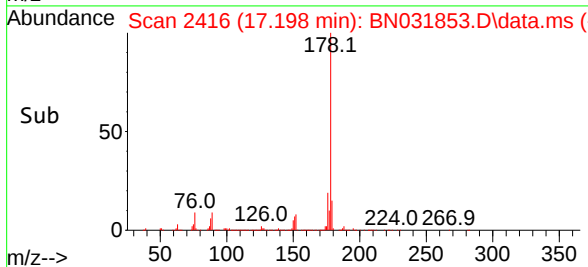
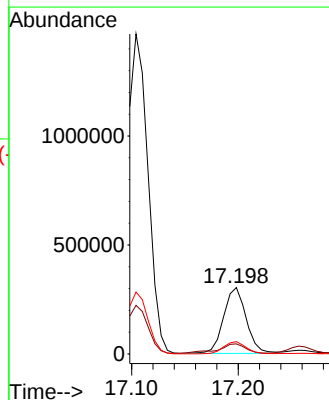
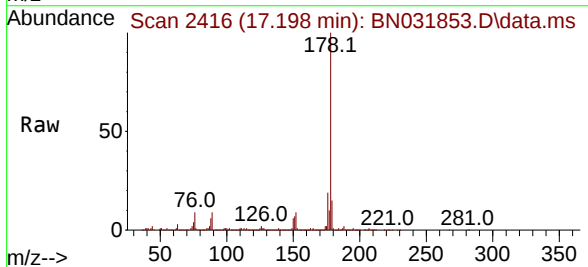
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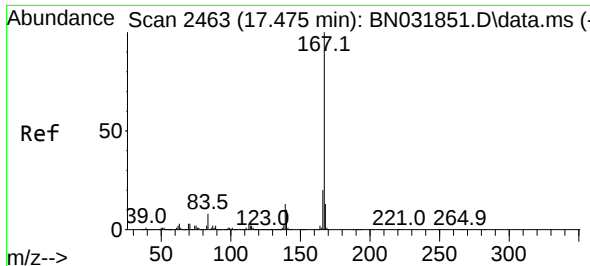
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#74
 Anthracene
 Concen: 3.420 ng/u1
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

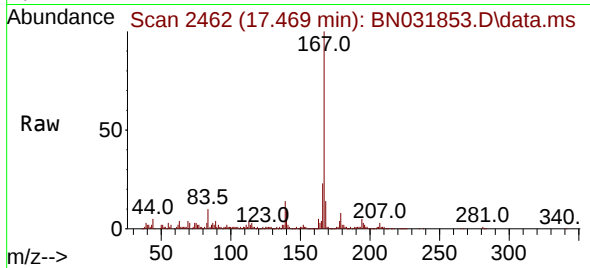
Tgt Ion:178 Resp: 445221
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.8 17.6
 176 18.6 14.8 22.2





#77
 Carbazole
 Concen: 1.565 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

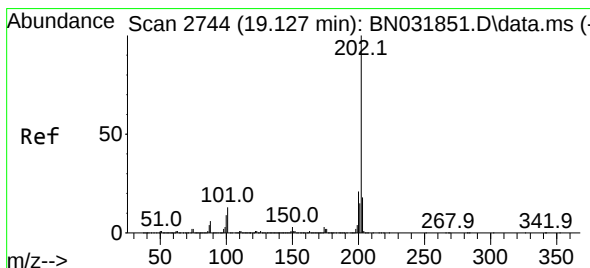
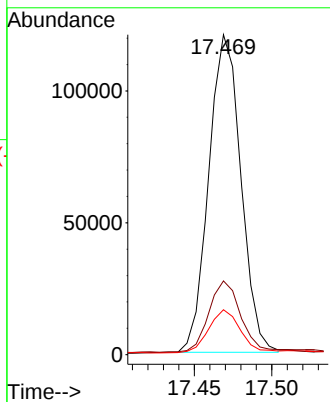
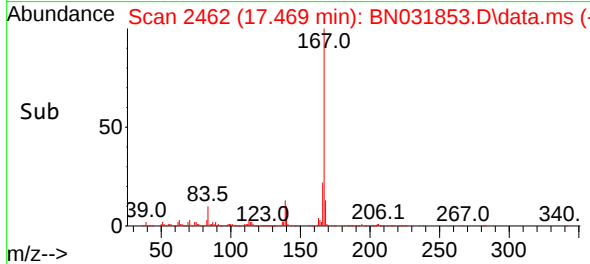
Instrument :
 BNA_N
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 BHBW8



Tgt Ion:167 Resp: 17368
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.9 26.9
 139 14.0 10.5 15.7

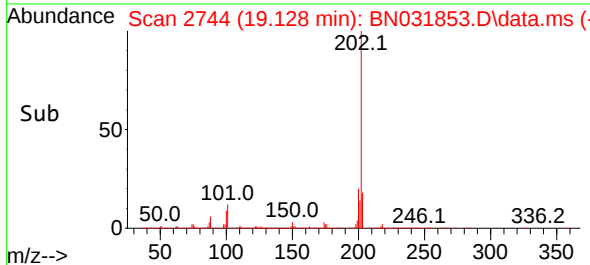
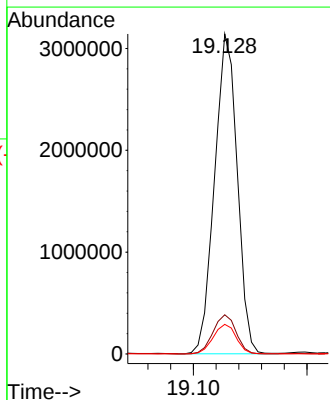
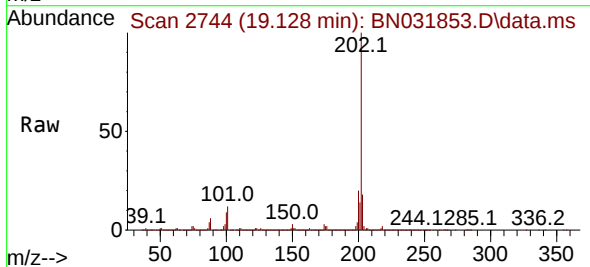
Manual Integrations
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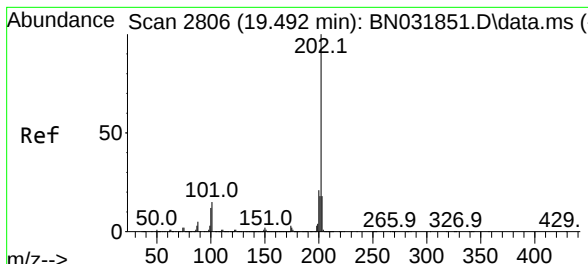
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#80
 Fluoranthene
 Concen: 38.262 ng/ul
 RT: 19.128 min Scan# 2744
 Delta R.T. -0.006 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

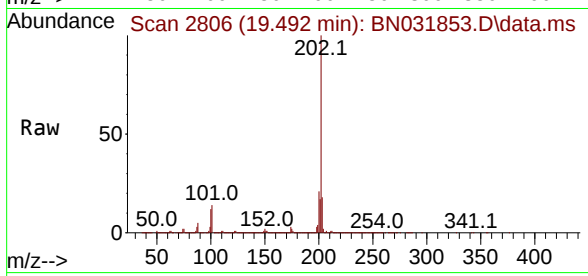
Tgt Ion:202 Resp: 4356449
 Ion Ratio Lower Upper
 202 100
 101 12.2 10.3 15.5
 100 9.3 8.0 12.0





#82
 Pyrene
 Concen: 36.527 ng/ul
 RT: 19.492 min Scan# 2806
 Delta R.T. -0.000 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

Instrument : BNA_N
 ClientSampleId : BHBW8

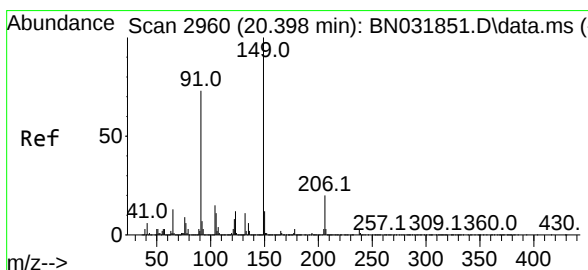
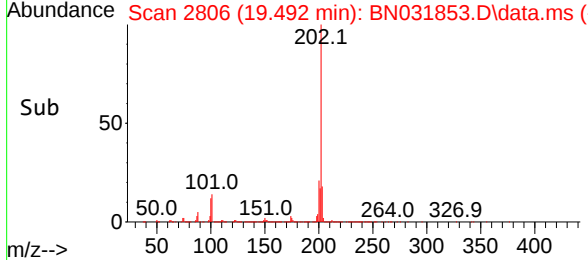
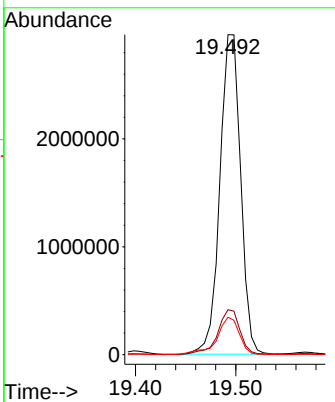


Tgt Ion: 202 Resp: 4267024

Ion	Ratio	Lower	Upper
202	100		
101	14.0	12.6	18.8
100	11.7	10.2	15.2

Manual Integrations
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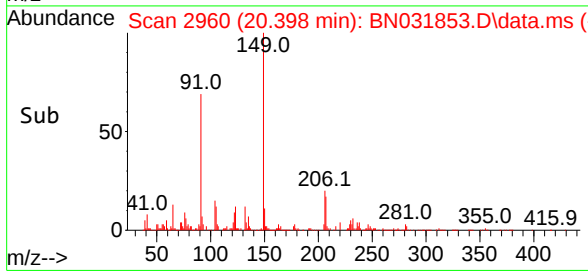
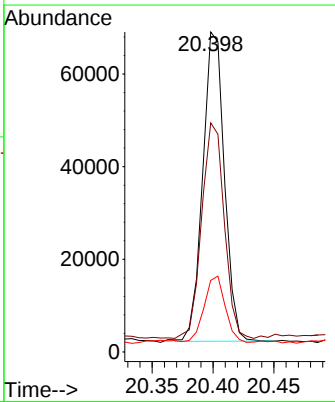
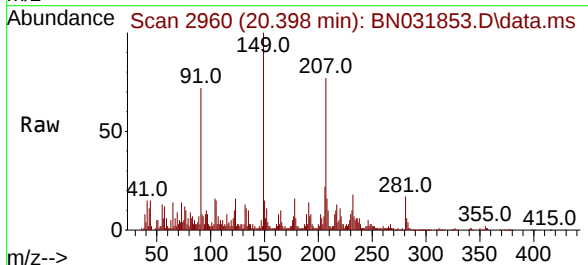
Reviewed By : Yogesh Patel 06/10/2024
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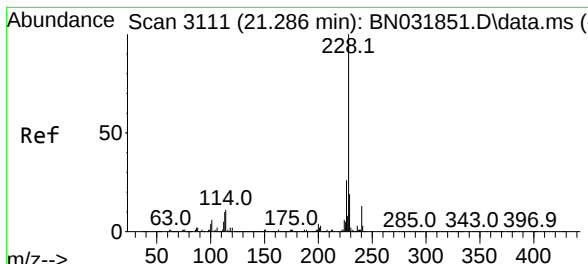


#83
 Butylbenzylphthalate
 Concen: 1.499 ng/ul
 RT: 20.398 min Scan# 2960
 Delta R.T. -0.006 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

Tgt Ion: 149 Resp: 82730

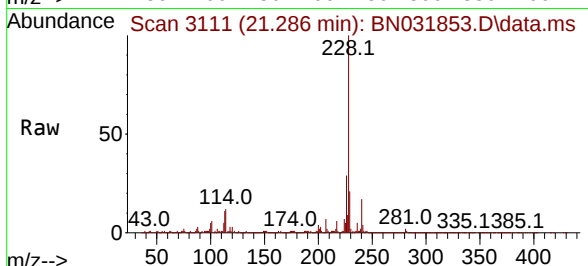
Ion	Ratio	Lower	Upper
149	100		
91	71.6	61.0	91.4
206	22.3	16.5	24.7





#85
 Benzo(a)anthracene
 Concen: 17.066 ng/ul
 RT: 21.286 min Scan# 3111
 Delta R.T. -0.000 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

Instrument :
 BNA_N
 ClientSampleId :
 BHBW8

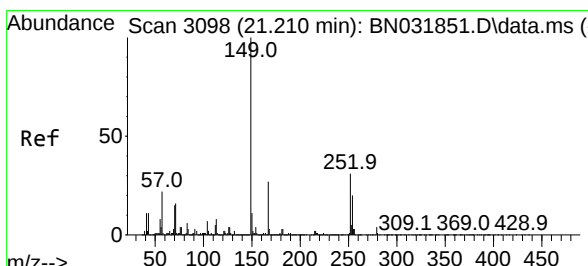
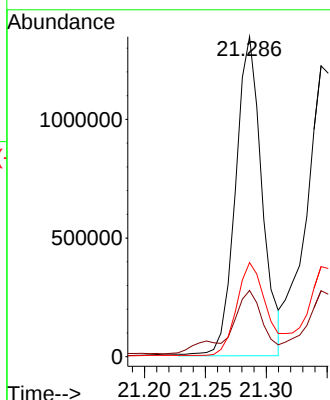
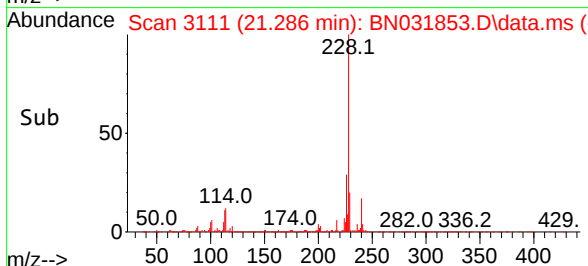


Tgt Ion:228 Resp: 2033779

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.7	25.1
226	29.4	22.8	34.2

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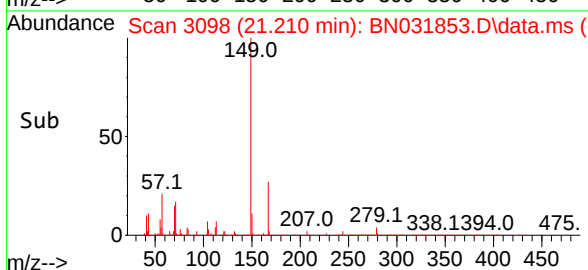
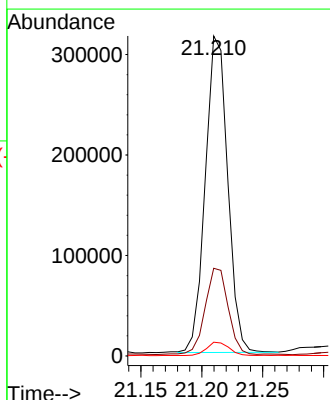
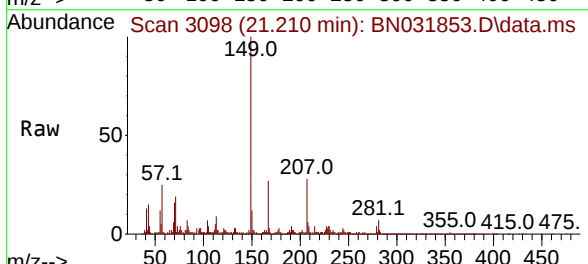
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

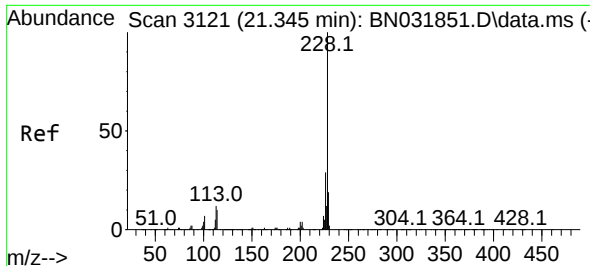


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 5.006 ng/ul
 RT: 21.210 min Scan# 3098
 Delta R.T. -0.012 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

Tgt Ion:149 Resp: 402598

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.0
279	4.3	3.3	4.9





#87

Chrysene

Concen: 19.295 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031853.D

Acq: 08 Jun 2024 11:16

Instrument :

BNA_N

ClientSampleId :

BHBW8

Tgt Ion:228 Resp: 214780

Ion Ratio Lower Upper

228 100

226 31.0 23.7 35.5

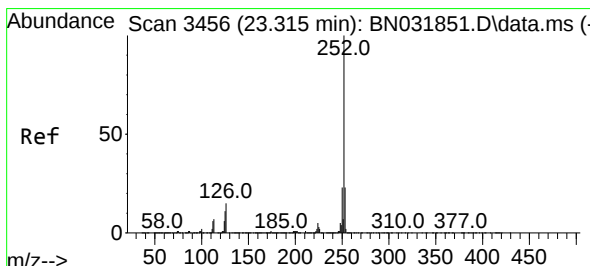
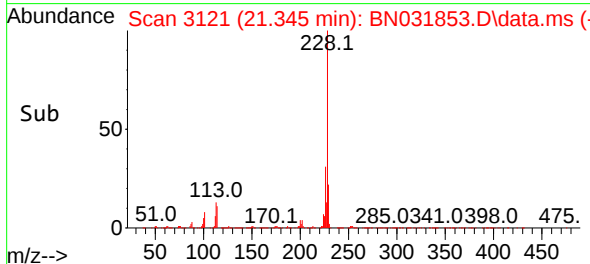
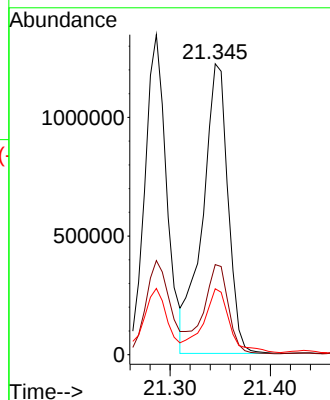
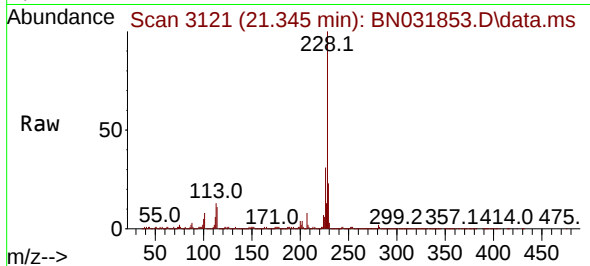
229 22.7 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 06/10/2024



#90

Benzo(b)fluoranthene

Concen: 21.505 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031853.D

Acq: 08 Jun 2024 11:16

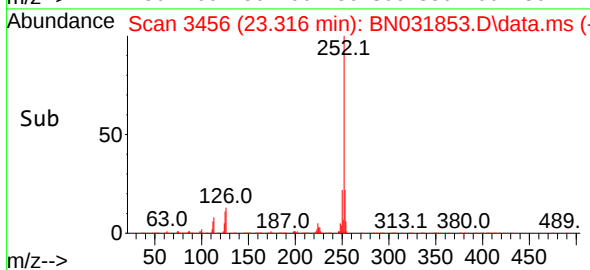
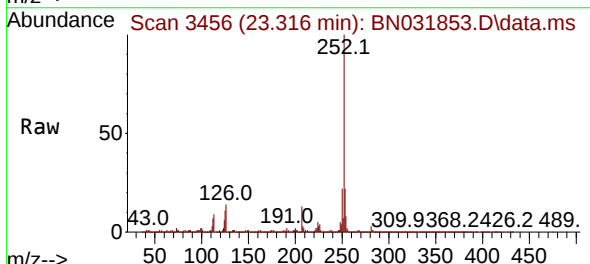
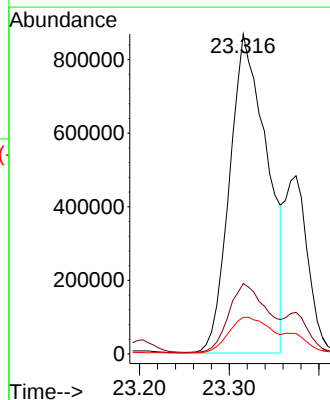
Tgt Ion:252 Resp: 2529601

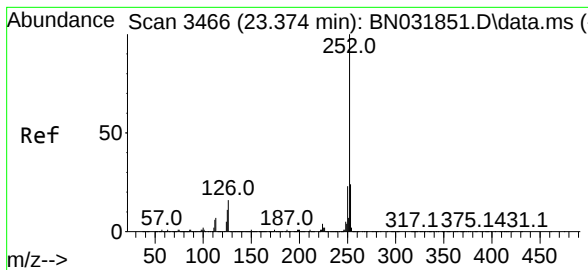
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

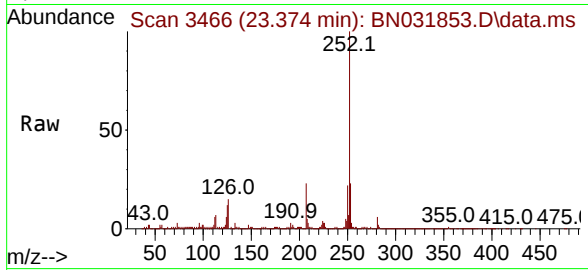
125 11.4 9.2 13.8





#91
Benzo(k)fluoranthene
Concen: 7.389 ng/ul m
RT: 23.374 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BN031853.D
Acq: 08 Jun 2024 11:16

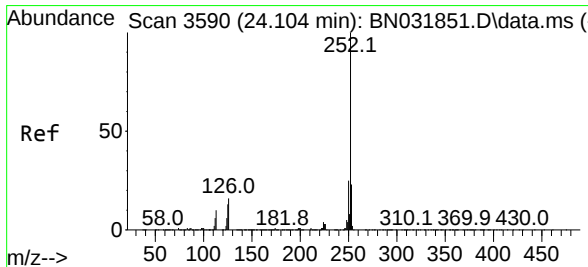
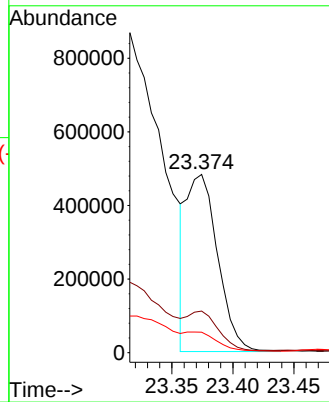
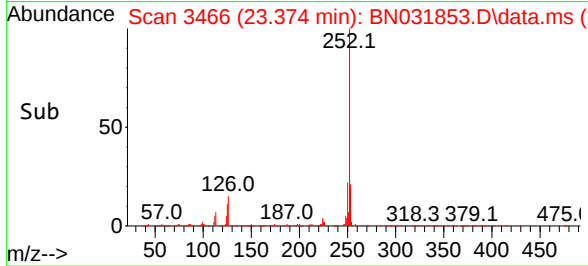
Instrument :
BNA_N
ClientSampleId :
BHBW8



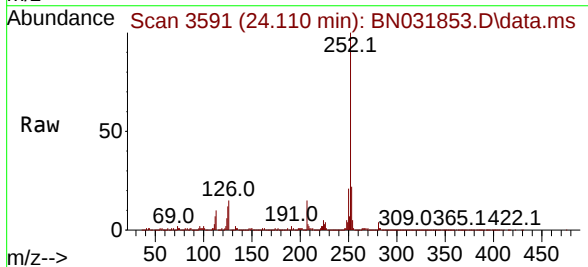
Tgt Ion:252 Resp: 852902
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 11.5 9.4 14.2

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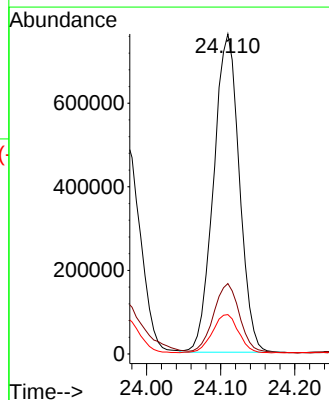
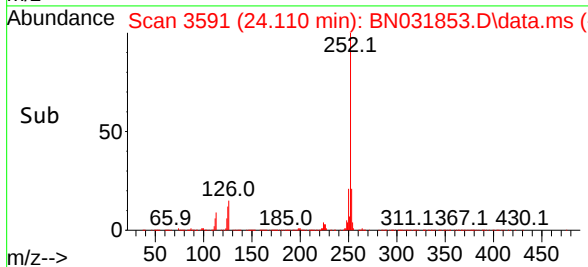
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

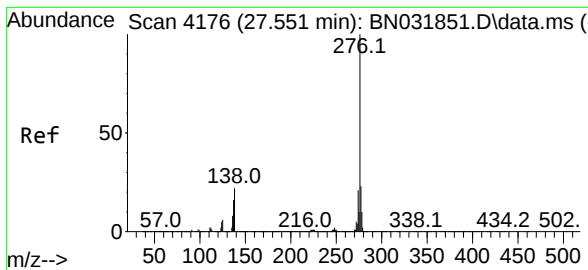


#93
Benzo(a)pyrene
Concen: 16.678 ng/ul
RT: 24.110 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN031853.D
Acq: 08 Jun 2024 11:16



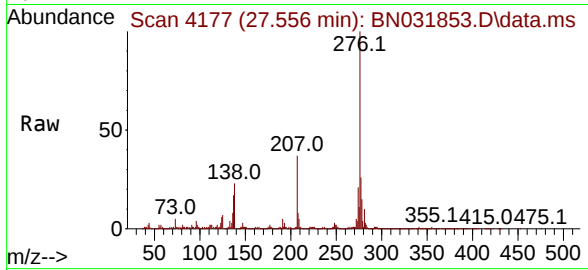
Tgt Ion:252 Resp: 1837434
Ion Ratio Lower Upper
252 100
253 22.0 16.6 24.8
125 12.3 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 10.010 ng/ul
RT: 27.556 min Scan# 4176
Delta R.T. 0.023 min
Lab File: BN031853.D
Acq: 08 Jun 2024 11:16

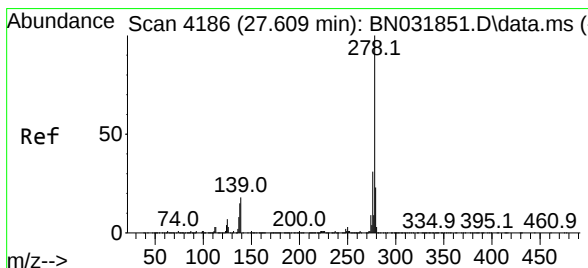
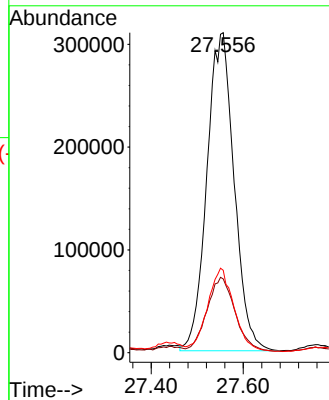
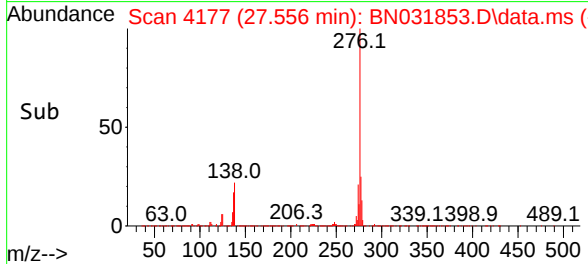
Instrument :
BNA_N
ClientSampleId :
BHBW8



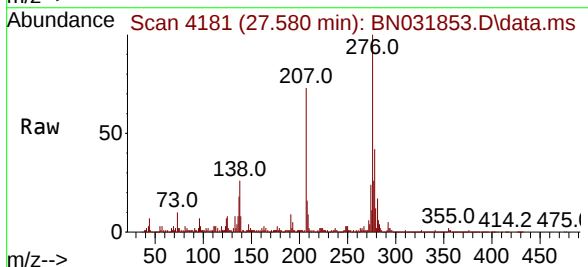
Tgt Ion:276 Resp: 1270808
Ion Ratio Lower Upper
276 100
138 23.1 18.1 27.1
277 25.7 18.2 27.2

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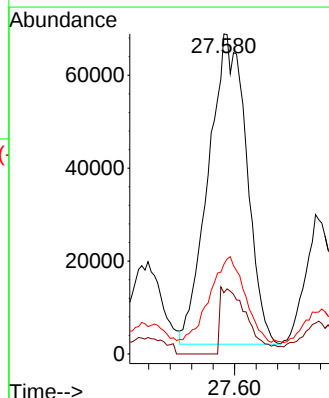
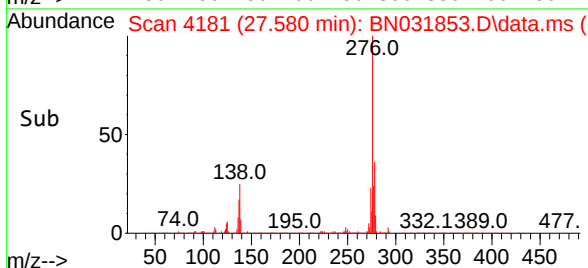
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

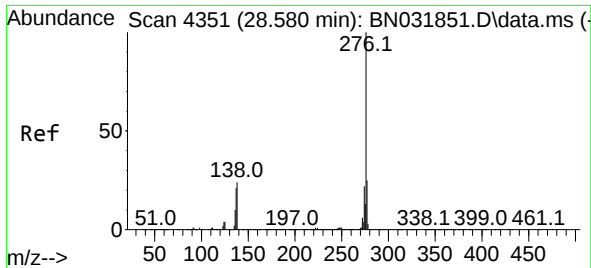


#95
Dibenzo(a,h)anthracene
Concen: 3.180 ng/ul m
RT: 27.580 min Scan# 4181
Delta R.T. -0.024 min
Lab File: BN031853.D
Acq: 08 Jun 2024 11:16



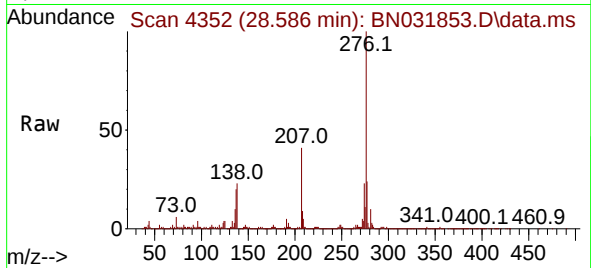
Tgt Ion:278 Resp: 329645
Ion Ratio Lower Upper
278 100
139 19.1 15.0 22.6
279 28.0 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 12.122 ng/ul
 RT: 28.586 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: BN031853.D
 Acq: 08 Jun 2024 11:16

Instrument :
 BNA_N
 ClientSampleId :
 BHBW8



Tgt Ion: 276 Resp: 122338
 Ion Ratio Lower Upper
 276 100
 138 23.2 20.9 31.3
 277 24.2 18.0 27.0

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

