

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031859.D
 Acq On : 08 Jun 2024 15:12
 Operator : MA/JU
 Sample : P2647-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT3

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 04:03:29 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	372125	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.452	136	1606465	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	987850	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1907563	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1166294	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1327972	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	29989	3.334	ng/uL	-0.01
4) Pyridine-d5	3.593	84	146336	5.779	ng/u1	0.00
7) Phenol-d5	6.846	99	707117	22.166	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	379028	20.312	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	571217	23.467	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	520213	20.005	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	283579	23.087	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	304673	24.012	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	524466	22.141	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	337241	9.589	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1539836	22.375	ng/u1	-0.02
49) Acenaphthylene-d8	14.010	160	1867230	23.596	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	254851	18.495	ng/u1	0.00
60) Fluorene-d10	15.310	176	1384688	23.780	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	108228	11.287	ng/u1	0.00
73) Anthracene-d10	17.163	188	1933504	23.675	ng/u1	0.00
81) Pyrene-d10	19.463	212	1641867	26.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1053774	16.618	ng/u1	0.00
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.122	142	64136	1.129	ng/u1	95
37) 1-Methylnaphthalene	12.340	142	68632	1.204	ng/u1	99
50) Acenaphthylene	14.040	152	104839	1.172	ng/u1	95
72) Phenanthrene	17.104	178	1121698	11.543	ng/u1	99
74) Anthracene	17.198	178	182953	1.858	ng/u1	98
77) Carbazole	17.469	167	90058	1.073	ng/u1	97
80) Fluoranthene	19.128	202	1728038	23.168	ng/u1	99
82) Pyrene	19.492	202	1325509	17.321	ng/u1	97
83) Butylbenzylphthalate	20.398	149	42806	1.184	ng/u1	99
85) Benzo(a)anthracene	21.286	228	688929	8.825	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	236859	4.495	ng/u1	97
87) Chrysene	21.345	228	798088m	10.945	ng/u1	
90) Benzo(b)fluoranthene	23.316	252	1029353	12.968	ng/u1	97
91) Benzo(k)fluoranthene	23.369	252	306086	3.930	ng/u1	98
93) Benzo(a)pyrene	24.104	252	403575	5.429	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	379289	4.427	ng/u1	97
95) Dibenzo(a,h)anthracene	27.598	278	129985m	1.859	ng/u1	

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

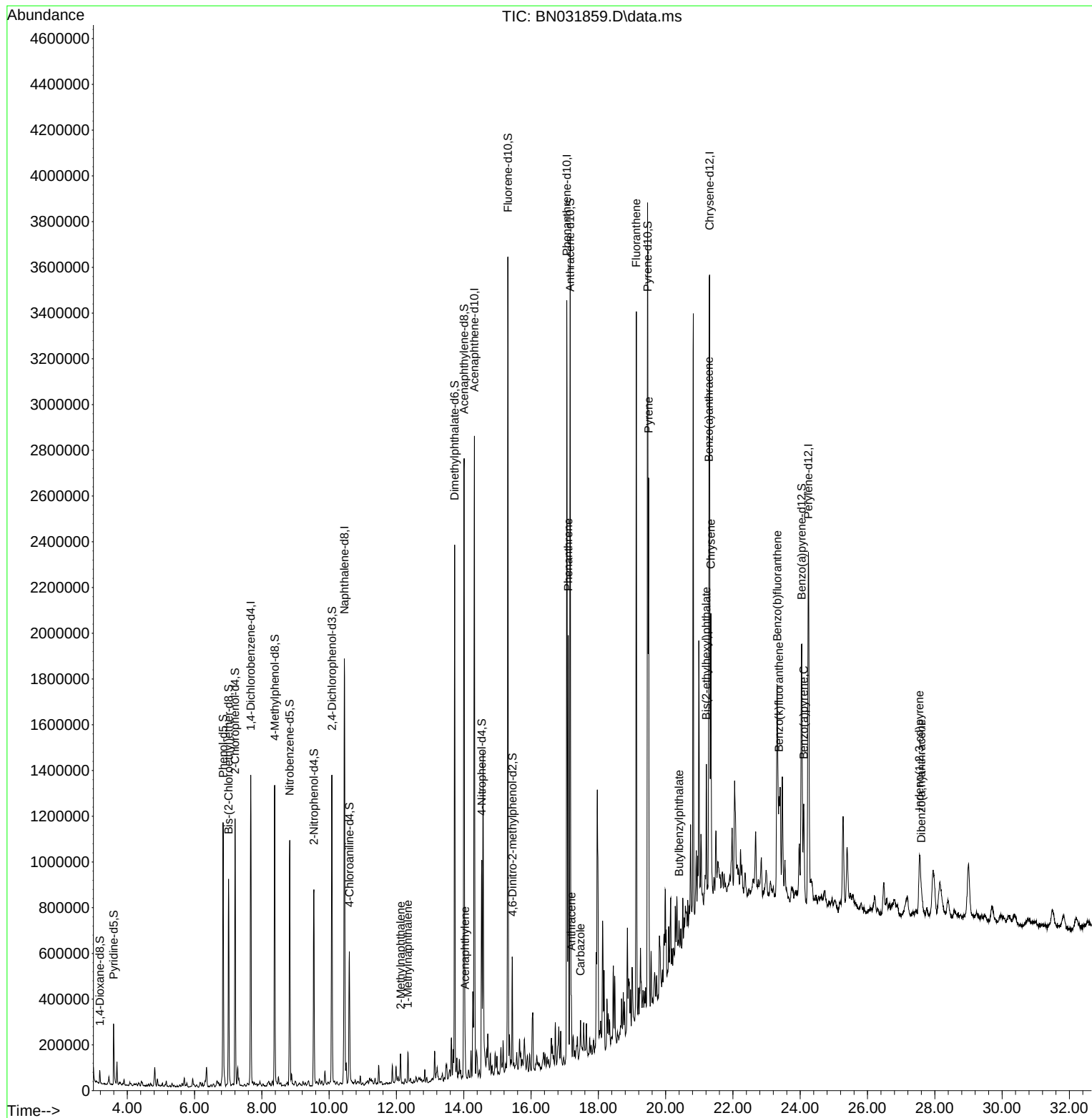
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
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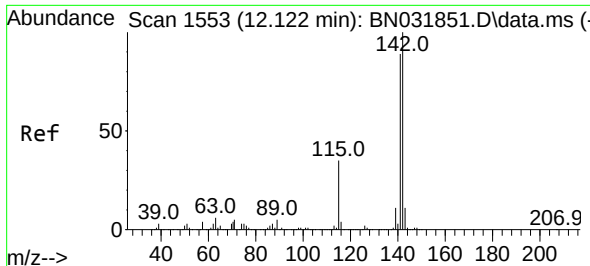
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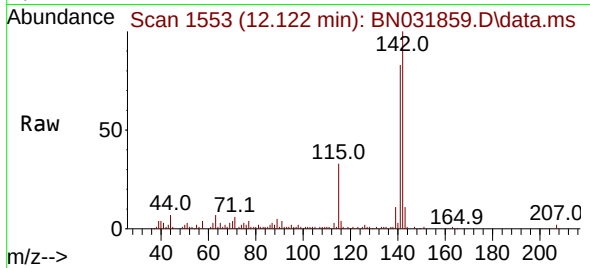
Quant Time: Jun 10 04:03:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
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#36
2-Methylnaphthalene
Concen: 1.129 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

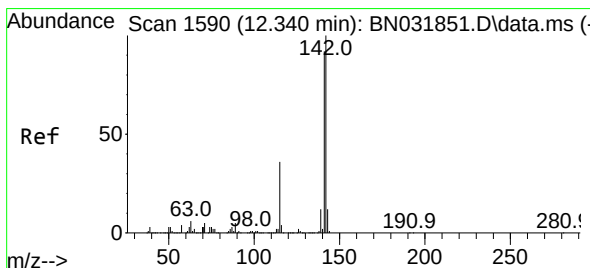
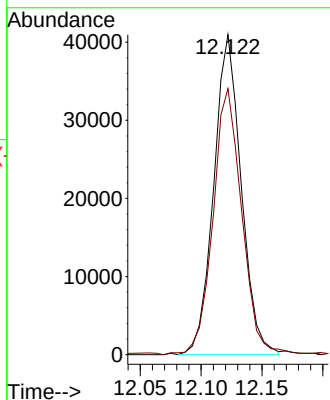
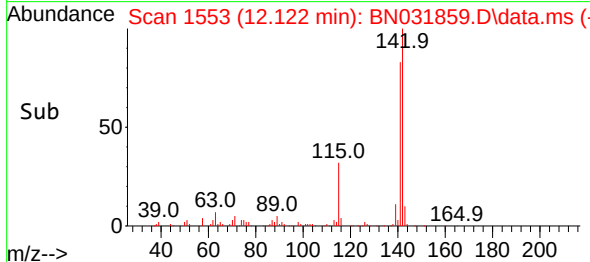
Instrument :
BNA_N
ClientSampleId :
BHBT3



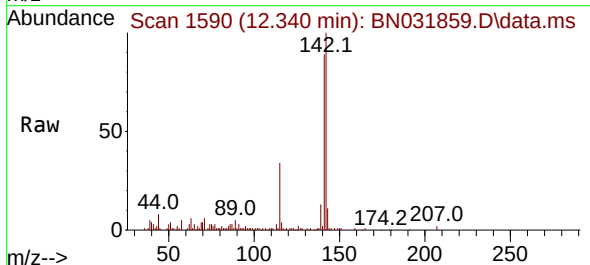
Tgt Ion:142 Resp: 64130
Ion Ratio Lower Upper
142 100
141 83.1 70.1 105.1

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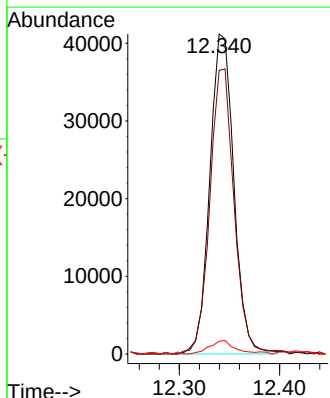
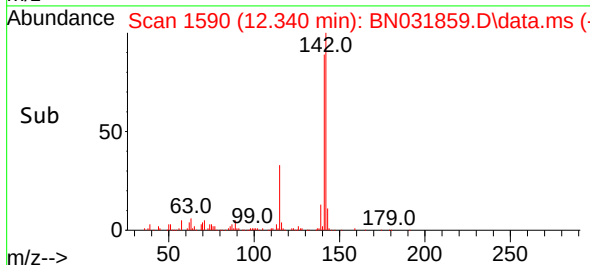
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

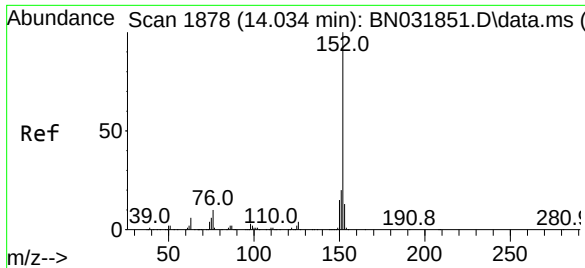


#37
1-Methylnaphthalene
Concen: 1.204 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.018 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12



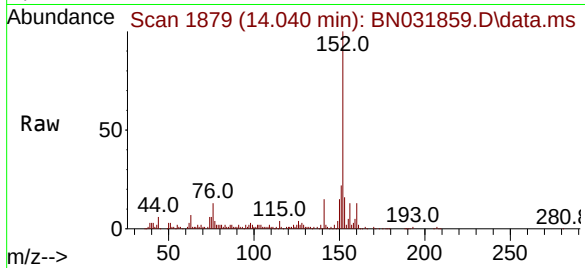
Tgt Ion:142 Resp: 68632
Ion Ratio Lower Upper
142 100
141 88.6 71.7 107.5
116 4.0 3.0 4.4





#50
Acenaphthylene
Concen: 1.172 ng/ul
RT: 14.040 min Scan# 1878
Delta R.T. -0.006 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

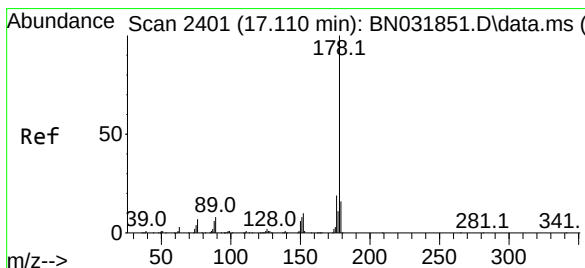
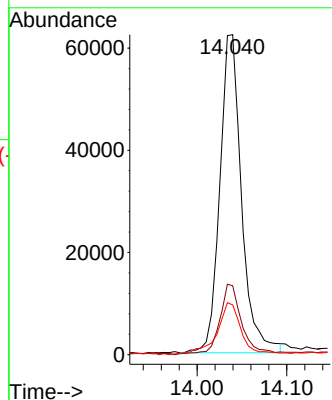
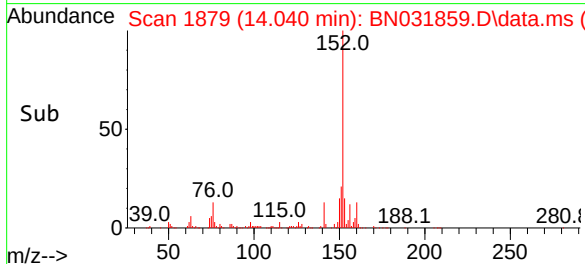
Instrument : BNA_N
ClientSampleId : BHBT3



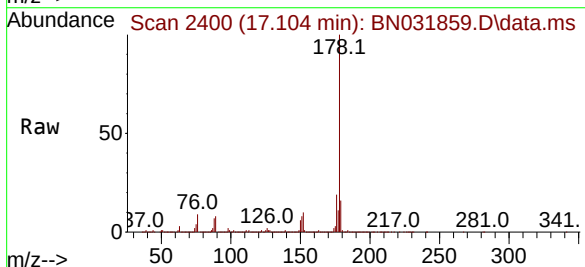
Tgt Ion:152 Resp: 104839
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 15.6 10.4 15.6

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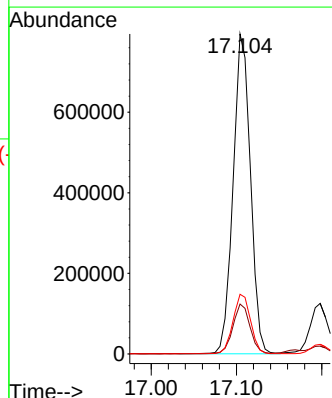
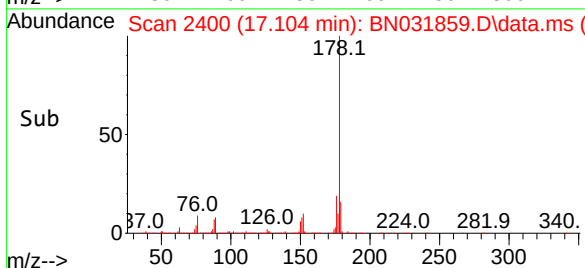
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

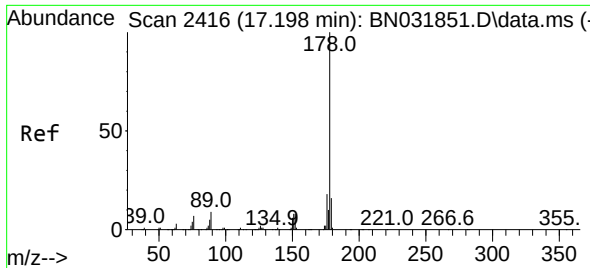


#72
Phenanthrene
Concen: 11.543 ng/ul
RT: 17.104 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12



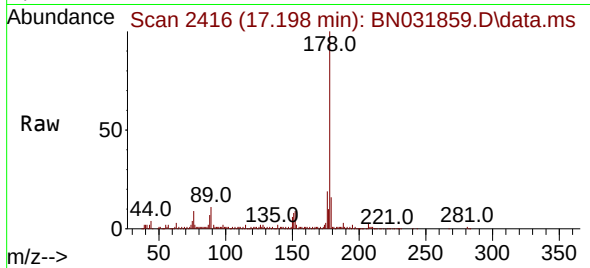
Tgt Ion:178 Resp: 1121698
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.7 15.8 23.6





#74
 Anthracene
 Concen: 1.858 ng/ul
 RT: 17.198 min Scan# 2416
 Delta R.T. -0.006 min
 Lab File: BN031859.D
 Acq: 08 Jun 2024 15:12

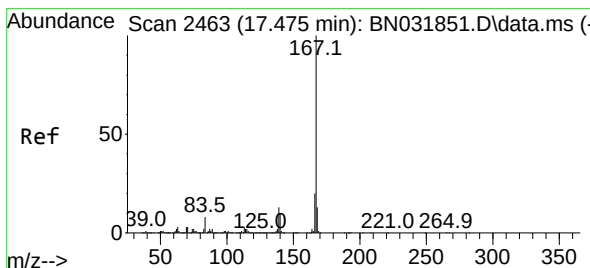
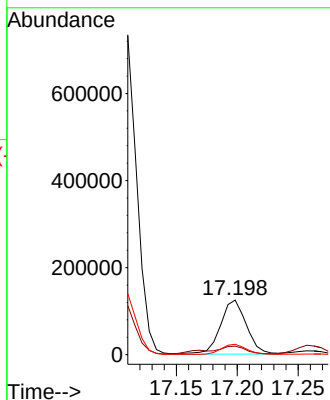
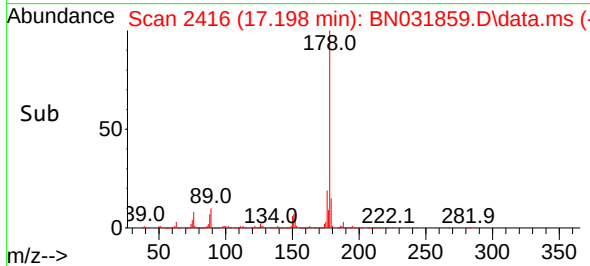
Instrument :
 BNA_N
 ClientSampleId :
 BHBT3



Tgt Ion:178 Resp: 18295
 Ion Ratio Lower Upper
 178 100
 179 15.6 11.8 17.6
 176 19.0 14.8 22.2

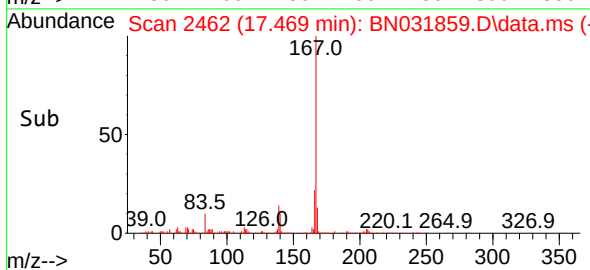
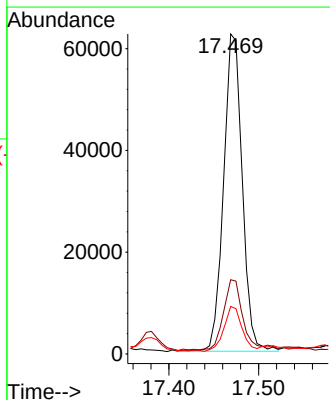
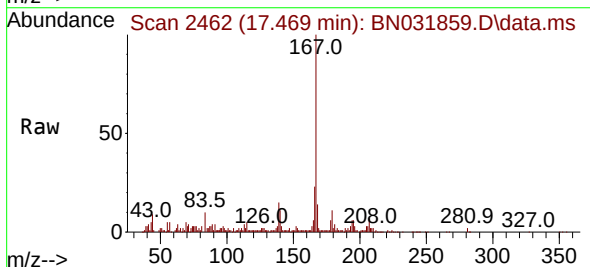
Manual Integrations
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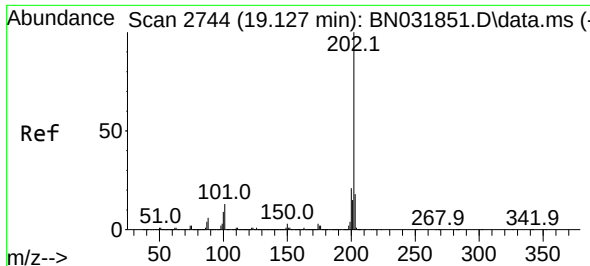
Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024



#77
 Carbazole
 Concen: 1.073 ng/ul
 RT: 17.469 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BN031859.D
 Acq: 08 Jun 2024 15:12

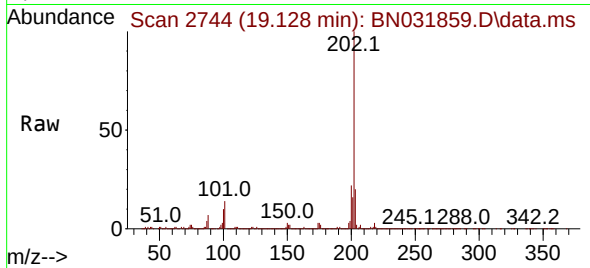
Tgt Ion:167 Resp: 90058
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 14.8 10.5 15.7





#80
Fluoranthene
Concen: 23.168 ng/u1
RT: 19.128 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

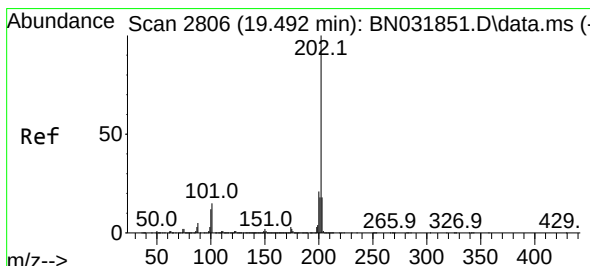
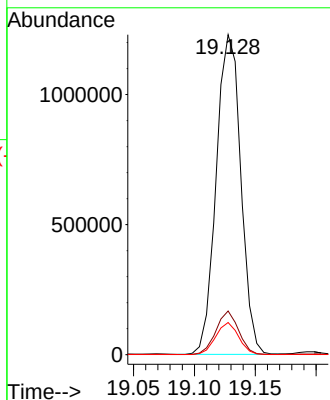
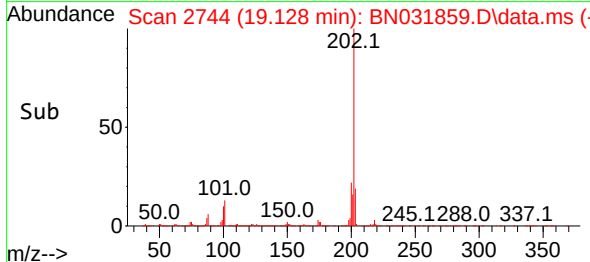
Instrument :
BNA_N
ClientSampleId :
BHBT3



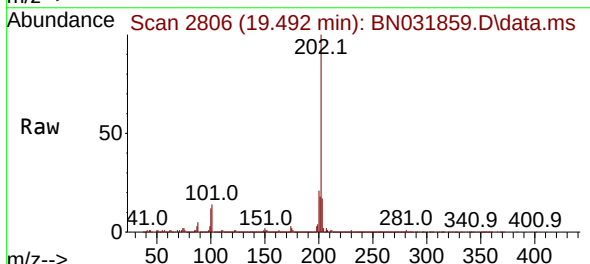
Tgt Ion:202 Resp: 1728038
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 10.0 8.0 12.0

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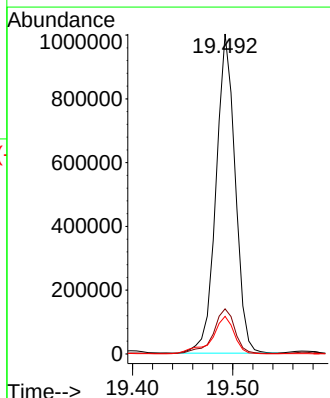
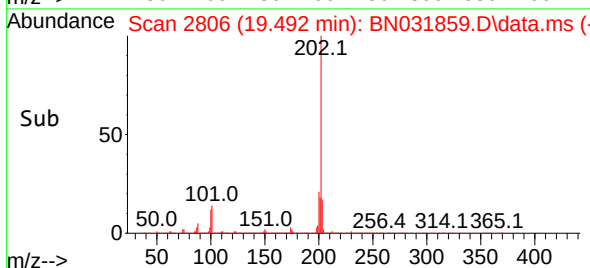
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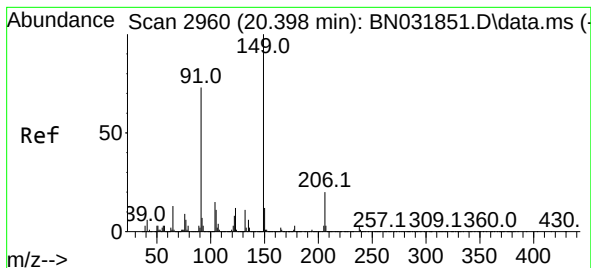


#82
Pyrene
Concen: 17.321 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12



Tgt Ion:202 Resp: 1325509
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.7 10.2 15.2





#83

Butylbenzylphthalate

Concen: 1.184 ng/ul

RT: 20.398 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

Instrument :

BNA_N

ClientSampleId :

BHBT3

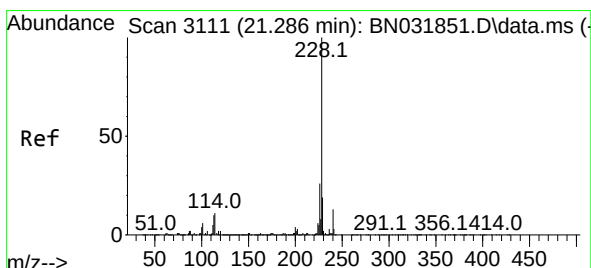
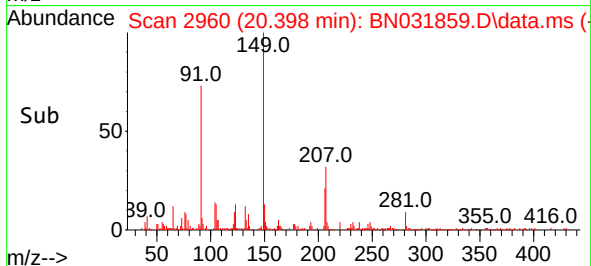
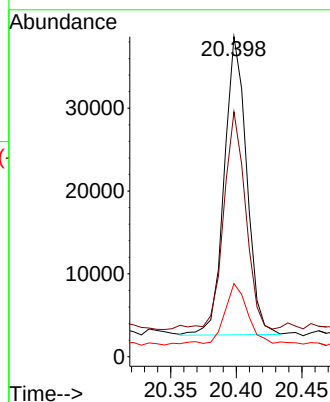
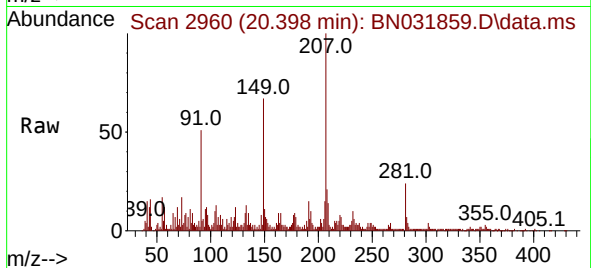
Tgt Ion:	149	Resp:	42800
Ion Ratio	Lower	Upper	
149	100		
91	76.5	61.0	91.4
206	22.8	16.5	24.7

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 8.825 ng/ul

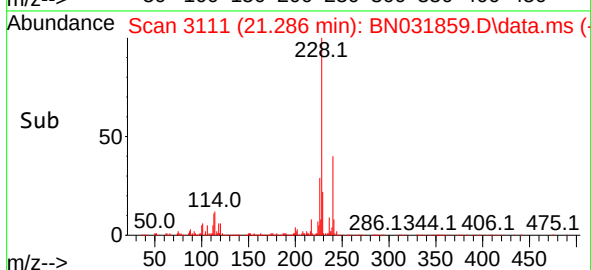
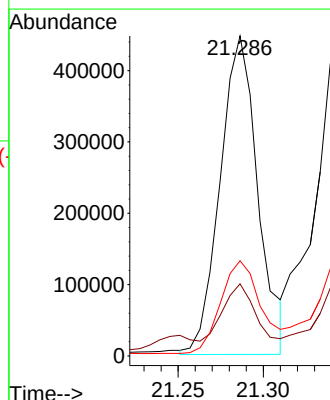
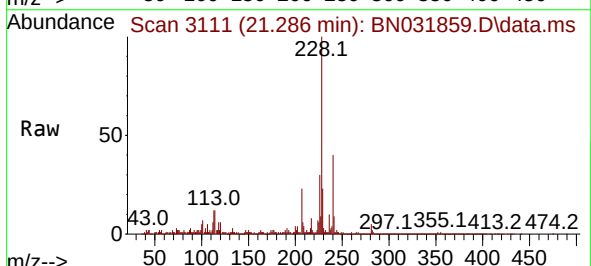
RT: 21.286 min Scan# 3111

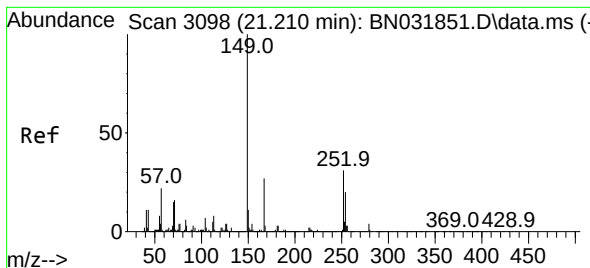
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Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

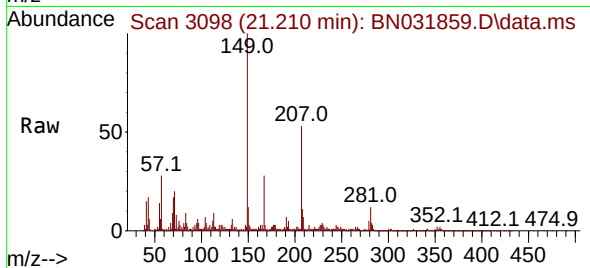
Tgt Ion:	228	Resp:	688929
Ion Ratio	Lower	Upper	
228	100		
229	22.6	16.7	25.1
226	29.7	22.8	34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.495 ng/ul
RT: 21.210 min Scan# 3098
Delta R.T. -0.012 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

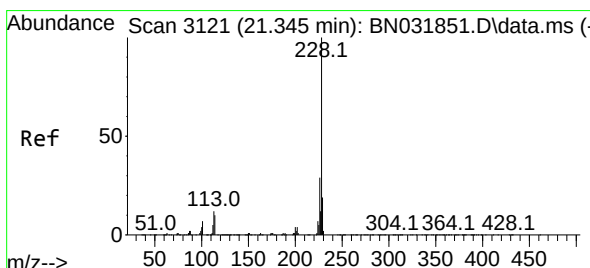
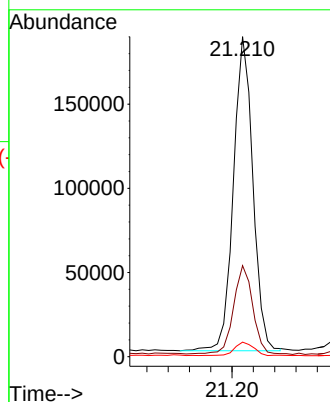
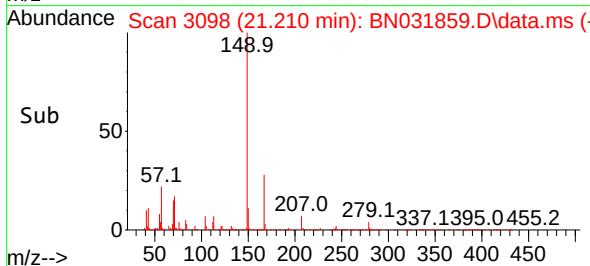
Instrument :
BNA_N
ClientSampleId :
BHBT3



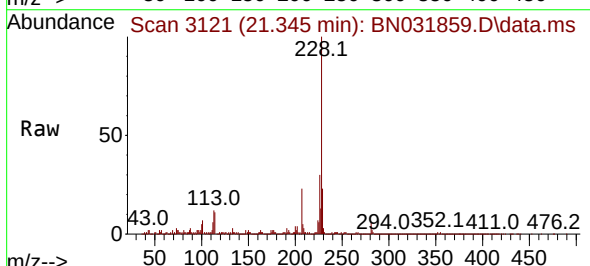
Tgt Ion:149 Resp: 236859
Ion Ratio Lower Upper
149 100
167 28.5 21.4 32.0
279 4.6 3.3 4.9

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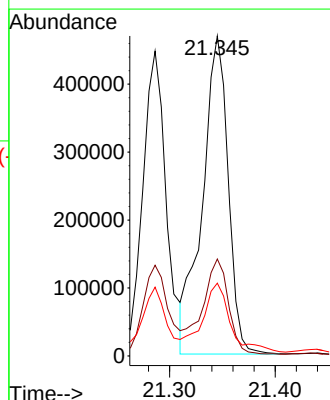
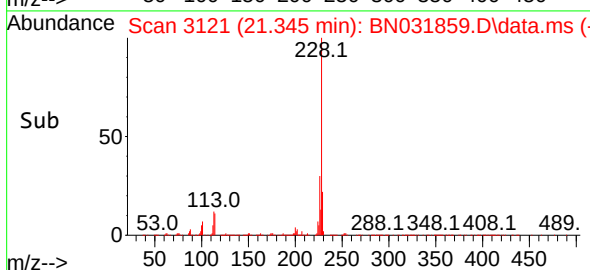
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

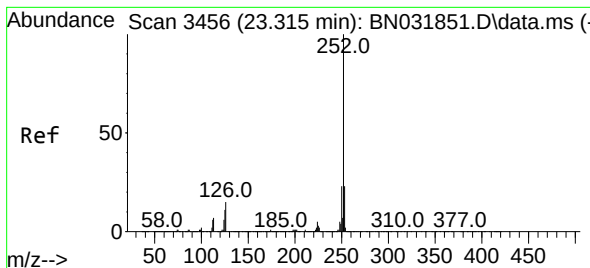


#87
Chrysene
Concen: 10.945 ng/ul m
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12



Tgt Ion:228 Resp: 798088
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 22.7 15.1 22.7#





#90

Benzo(b)fluoranthene

Concen: 12.968 ng/ul

RT: 23.316 min Scan# 3456

Delta R.T. 0.006 min

Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

Instrument :

BNA_N

ClientSampleId :

BHBT3

Tgt Ion:252 Resp: 102935

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

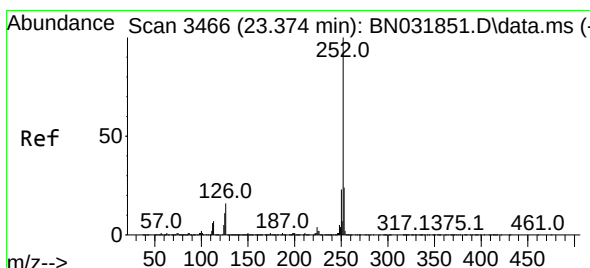
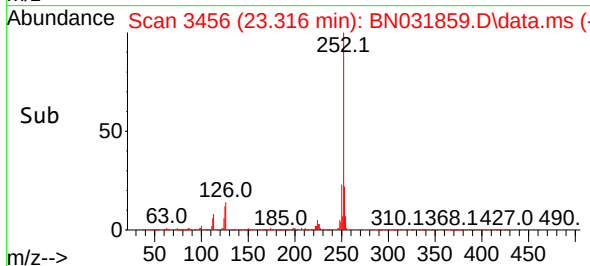
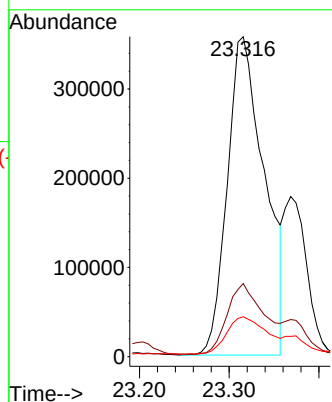
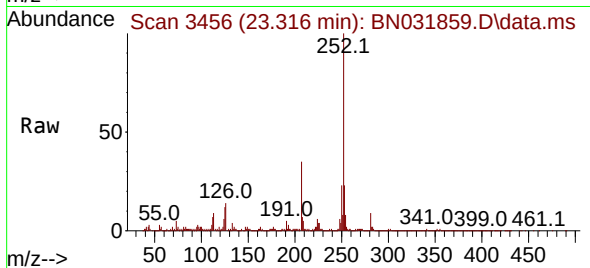
125 12.5 9.2 13.8

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: 3.930 ng/ul

RT: 23.369 min Scan# 3465

Delta R.T. -0.006 min

Lab File: BN031859.D

Acq: 08 Jun 2024 15:12

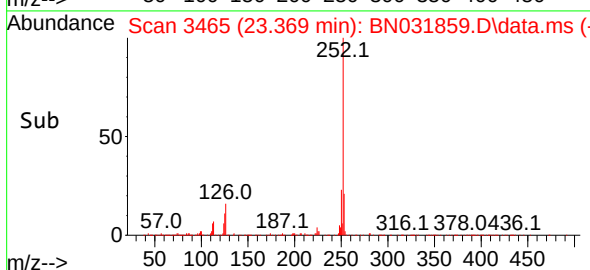
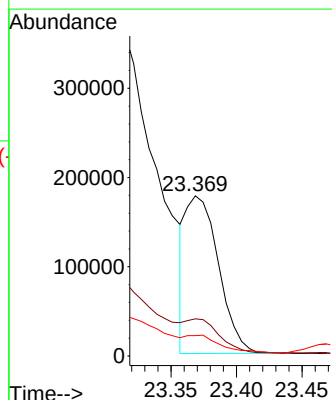
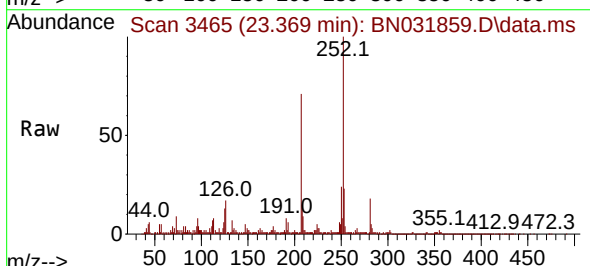
Tgt Ion:252 Resp: 306086

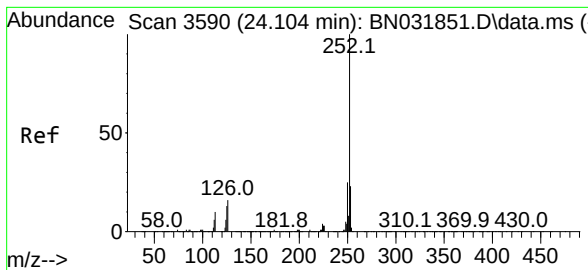
Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

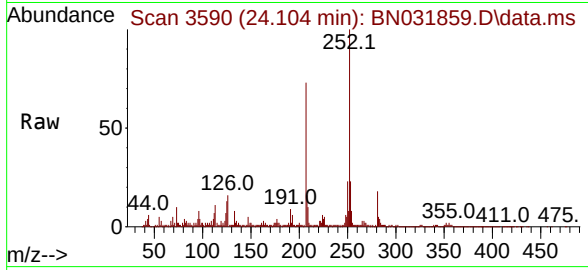
125 12.6 9.4 14.2





#93
Benzo(a)pyrene
Concen: 5.429 ng/ul
RT: 24.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12

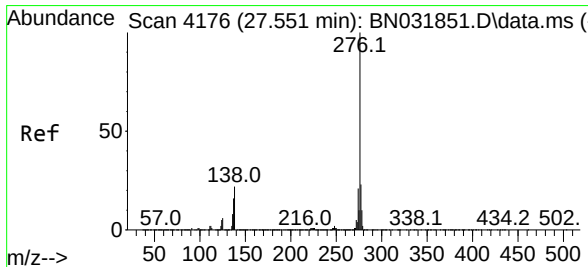
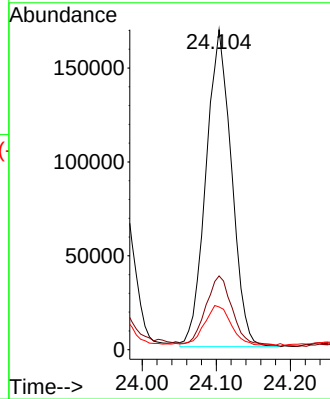
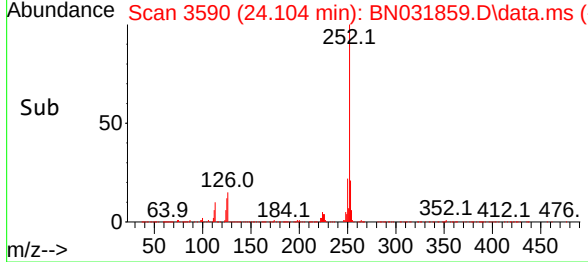
Instrument :
BNA_N
ClientSampleId :
BHBT3



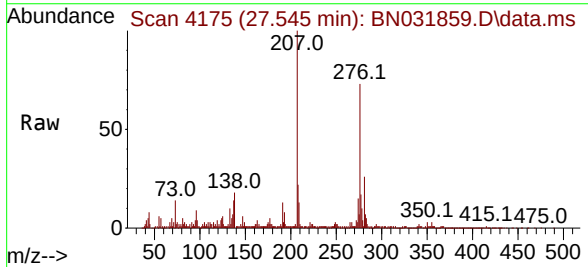
Tgt Ion:252 Resp: 403575
Ion Ratio Lower Upper
252 100
253 23.1 16.6 24.8
125 13.4 9.8 14.8

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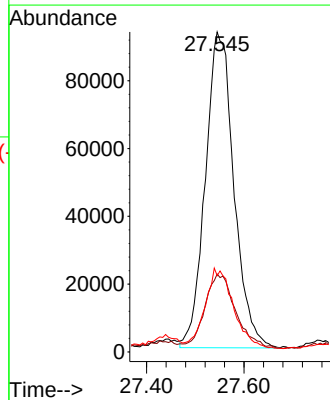
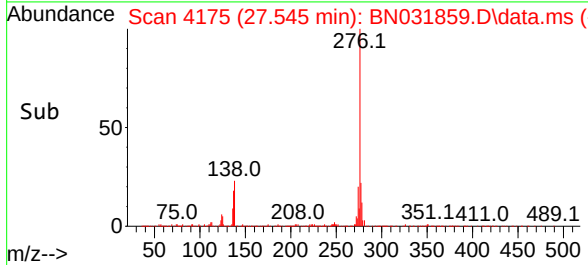
Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/10/2024

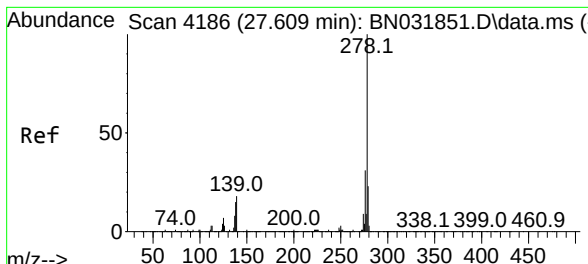


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.427 ng/ul
RT: 27.545 min Scan# 4175
Delta R.T. 0.012 min
Lab File: BN031859.D
Acq: 08 Jun 2024 15:12



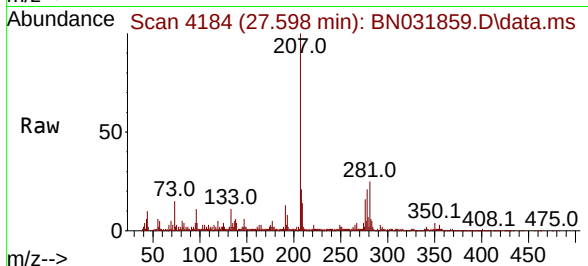
Tgt Ion:276 Resp: 379289
Ion Ratio Lower Upper
276 100
138 24.3 18.1 27.1
277 23.8 18.2 27.2





#95
 Dibenzo(a,h)anthracene
 Concen: 1.859 ng/ul m
 RT: 27.598 min Scan# 4184
 Delta R.T. -0.006 min
 Lab File: BN031859.D
 Acq: 08 Jun 2024 15:12

Instrument :
 BNA_N
 ClientSampleId :
 BHBT3



Tgt Ion:278 Resp: 12998
 Ion Ratio Lower Upper
 278 100
 139 20.6 15.0 22.6
 279 31.4 17.4 26.0

Manual Integrations
 APPROVED

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

