

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031980.D
 Acq On : 13 Jun 2024 16:56
 Operator : MA/JU
 Sample : P2663-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH692

Quant Time: Jun 13 18:56:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	337526	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1428347	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	859375	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1464715	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	856679	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	1031304	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	34625	4.244	ng/uL	0.00
4) Pyridine-d5	3.587	84	140805	6.131	ng/u1	0.00
7) Phenol-d5	6.840	99	795491	27.492	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	450445	26.614	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	655088	29.671	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	600951	25.478	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	332771	30.470	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	358008	31.734	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	619811	29.429	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	306604	9.805	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1776701	29.676	ng/u1	0.00
49) Acenaphthylene-d8	13.993	160	2053076	29.824	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	239063	19.943	ng/u1	0.00
60) Fluorene-d10	15.298	176	1437433	28.376	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	130592	17.738	ng/u1	0.00
73) Anthracene-d10	17.151	188	1822760	29.067	ng/u1	0.00
81) Pyrene-d10	19.451	212	1490112	32.505	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1109246	22.525	ng/u1	0.00
Target Compounds						
8) Phenol	6.864	94	29656	1.007	ng/u1#	88
16) Acetophenone	8.481	105	153325	4.289	ng/u1	100
36) 2-Methylnaphthalene	12.104	142	55425	1.097	ng/u1	94
37) 1-Methylnaphthalene	12.328	142	59938	1.182	ng/u1	96
50) Acenaphthylene	14.022	152	148624	1.910	ng/u1	97
52) Acenaphthene	14.363	153	219847	4.271	ng/u1	97
56) Dibenzofuran	14.704	168	144625	2.068	ng/u1	99
61) Fluorene	15.351	166	253494	4.501	ng/u1	96
72) Phenanthrene	17.098	178	3678430	49.299	ng/u1	99
74) Anthracene	17.186	178	657592	8.698	ng/u1	99
77) Carbazole	17.463	167	274537	4.259	ng/u1	99
80) Fluoranthene	19.122	202	4299720	78.481	ng/u1	97
82) Pyrene	19.486	202	3247147	57.767	ng/u1	96
83) Butylbenzylphthalate	20.386	149	41057	1.546	ng/u1	99
85) Benzo(a)anthracene	21.275	228	1755676	30.618	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	380047	9.820	ng/u1	97
87) Chrysene	21.333	228	1744853	32.577	ng/u1	95
90) Benzo(b)fluoranthene	23.298	252	2155945	34.974	ng/u1	97
91) Benzo(k)fluoranthene	23.351	252	845959m	13.985	ng/u1	
93) Benzo(a)pyrene	24.086	252	960260	16.632	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.515	276	859463	12.919	ng/u1	98
95) Dibenzo(a,h)anthracene	27.562	278	288741	5.316	ng/u1#	94
96) Benzo(g,h,i)perylene	28.545	276	114538	2.166	ng/u1#	94

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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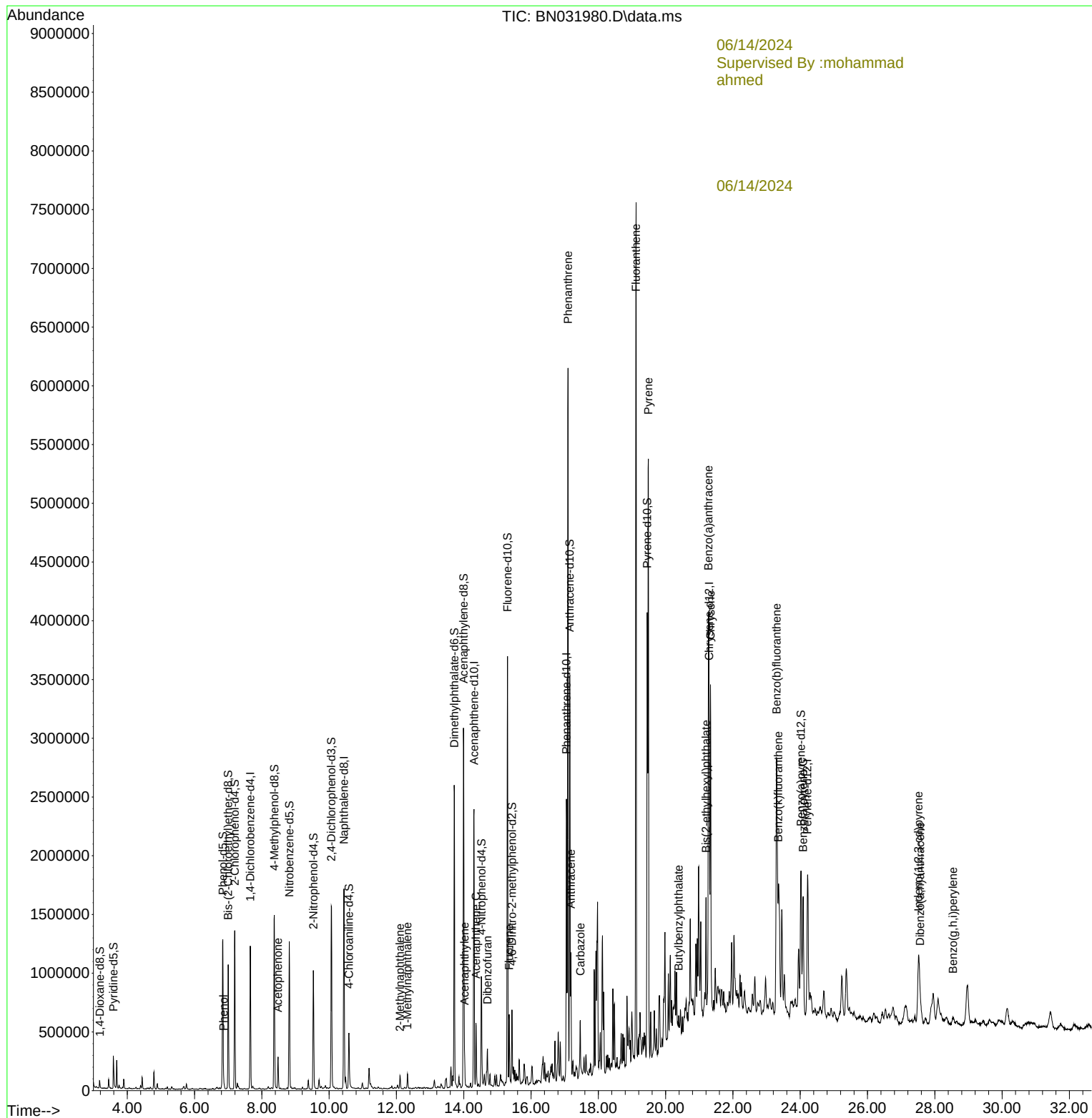
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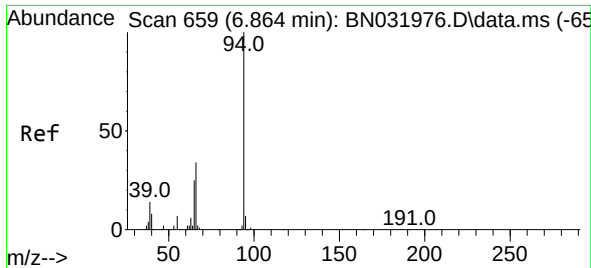
Instrument :
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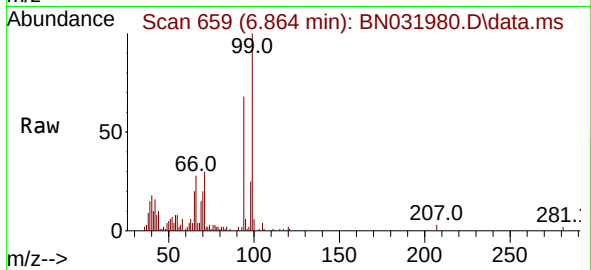
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#8
Phenol
Concen: 1.007 ng/ul
RT: 6.864 min Scan# 659
Delta R.T. 0.000 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

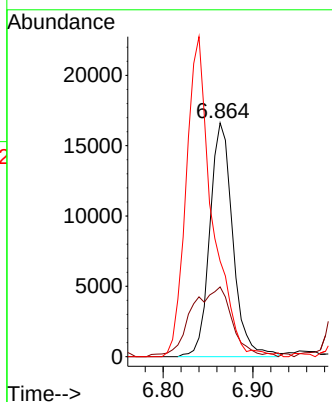
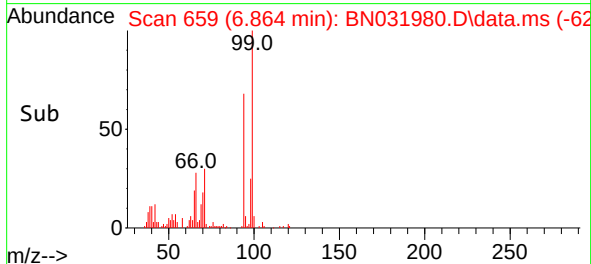
Instrument :
BNA_N
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Tgt Ion: 94 Resp: 29650
Ion Ratio Lower Upper
94 100
65 29.8 20.3 30.5
66 40.8 25.8 38.8

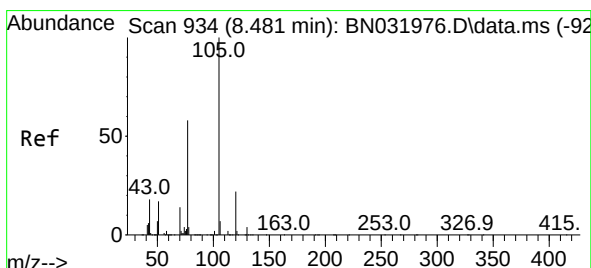
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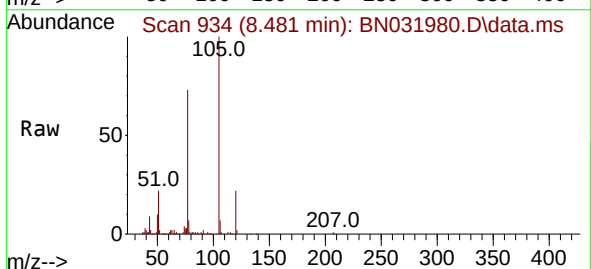


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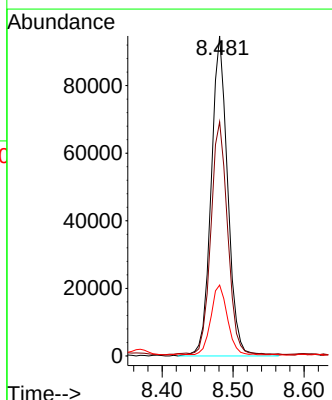
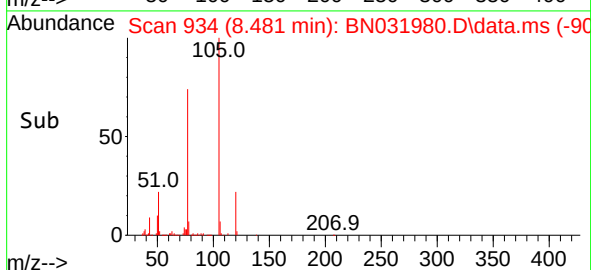
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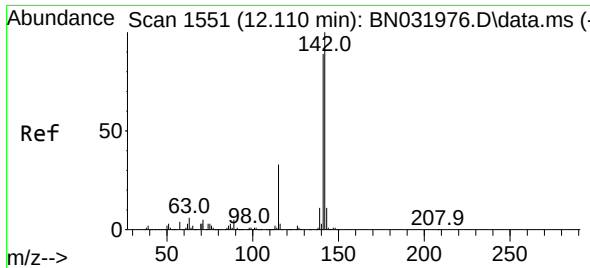


#16
Acetophenone
Concen: 4.289 ng/ul
RT: 8.481 min Scan# 934
Delta R.T. 0.000 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56



Tgt Ion:105 Resp: 153325
Ion Ratio Lower Upper
105 100
77 73.2 58.6 87.8
51 22.1 17.2 25.8





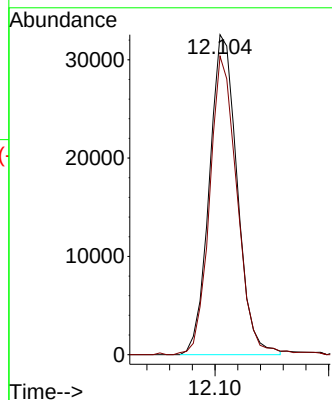
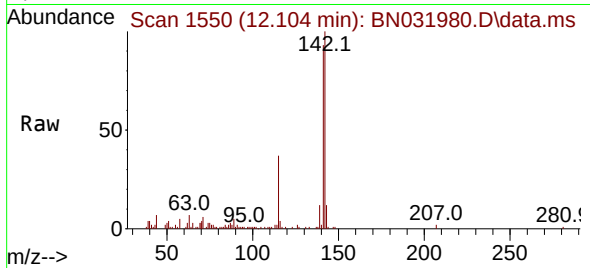
#36
2-Methylnaphthalene
Concen: 1.097 ng/ul
RT: 12.104 min Scan# 1550
Delta R.T. -0.006 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

Instrument :
BNA_N
ClientSampleId :
BH692

Tgt Ion:142 Resp: 55429
Ion Ratio Lower Upper
142 100
141 93.2 70.1 105.1

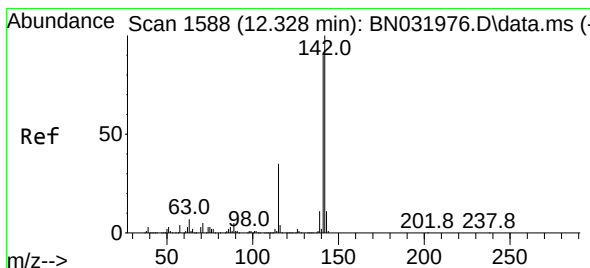
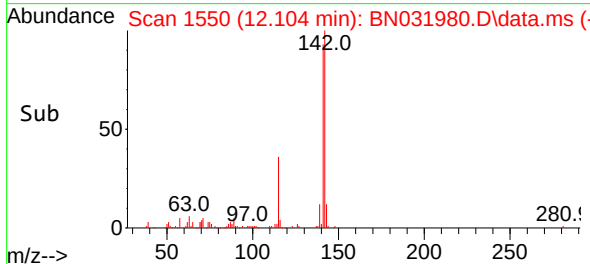
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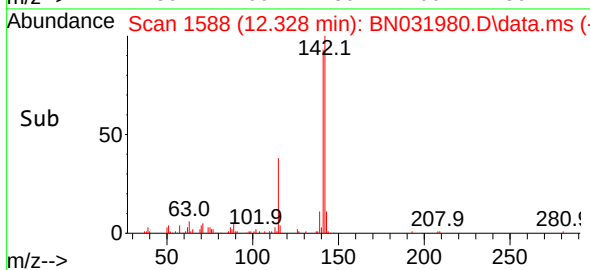
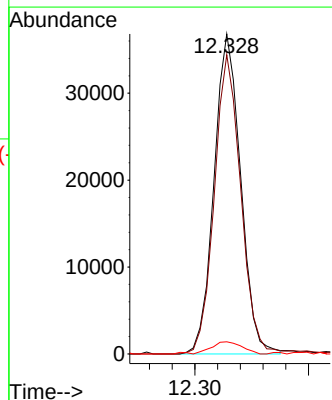
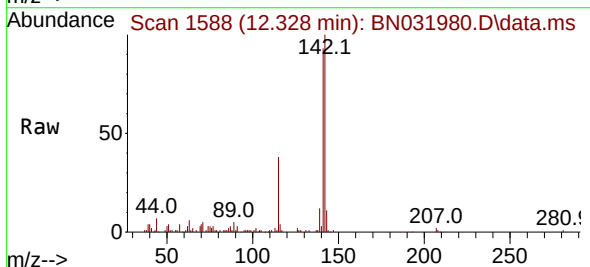
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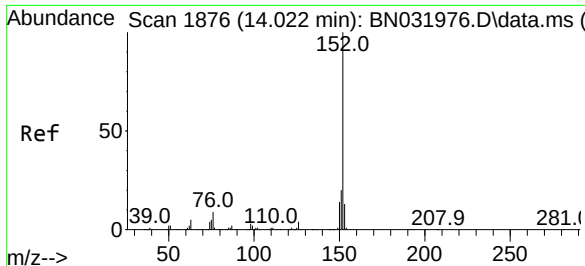
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#37
1-Methylnaphthalene
Concen: 1.182 ng/ul
RT: 12.328 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

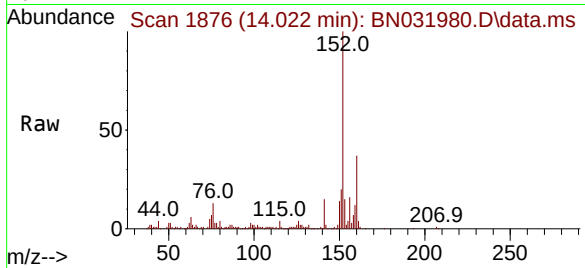
Tgt Ion:142 Resp: 59938
Ion Ratio Lower Upper
142 100
141 93.5 71.7 107.5
116 3.8 3.0 4.4





#50
Acenaphthylene
Concen: 1.910 ng/ul
RT: 14.022 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

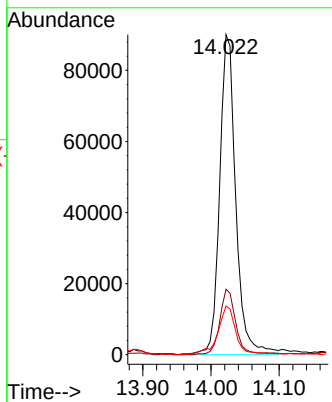
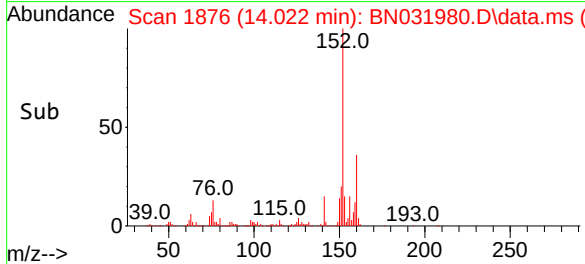
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Tgt Ion:152 Resp: 148624
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 15.2 10.4 15.6

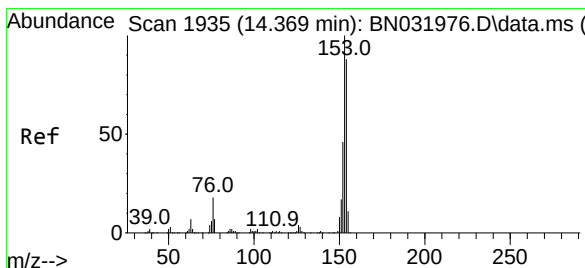
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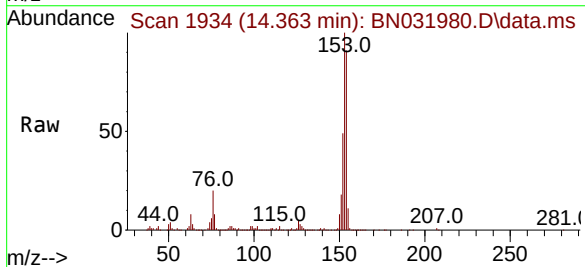


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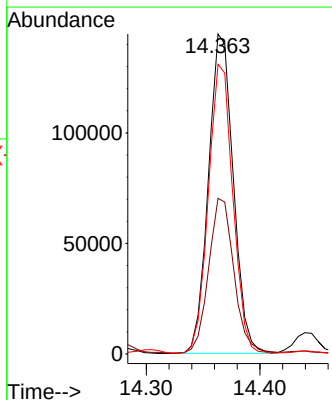
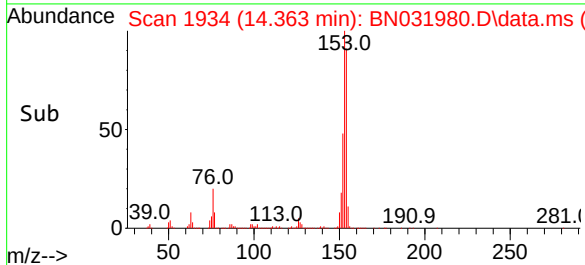
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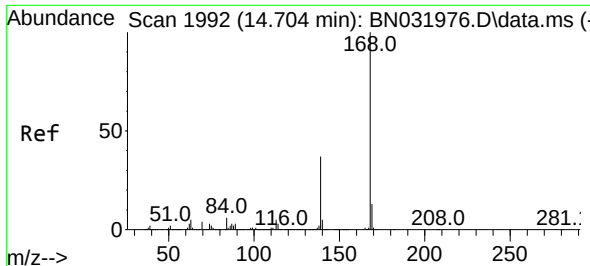


#52
Acenaphthene
Concen: 4.271 ng/ul
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56



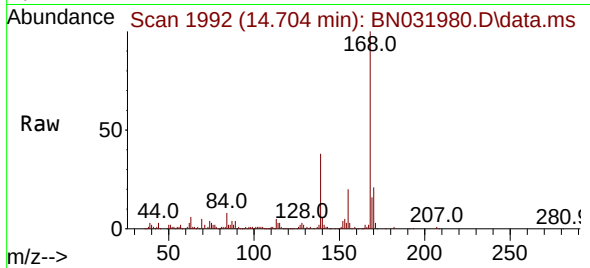
Tgt Ion:153 Resp: 219847
Ion Ratio Lower Upper
153 100
152 48.6 37.8 56.6
154 90.5 69.8 104.8





#56
Dibenzenofuran
Concen: 2.068 ng/ul
RT: 14.704 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

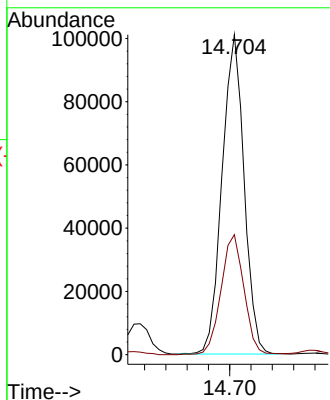
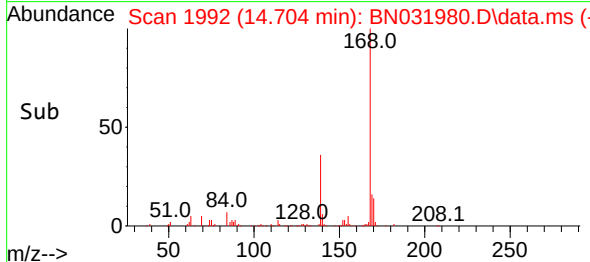
Instrument :
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Tgt Ion:168 Resp: 144629
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0

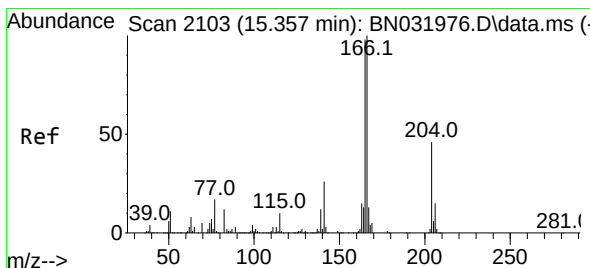
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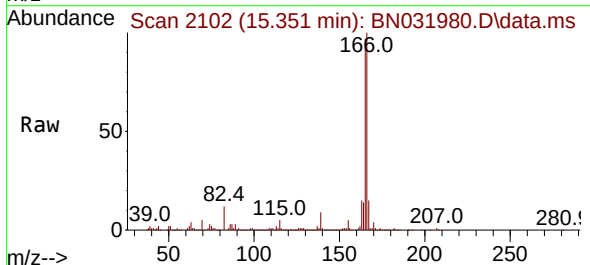


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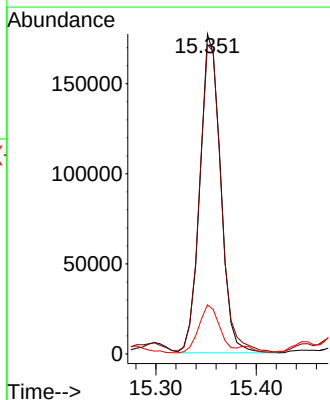
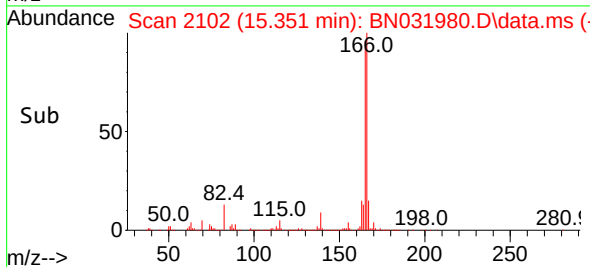
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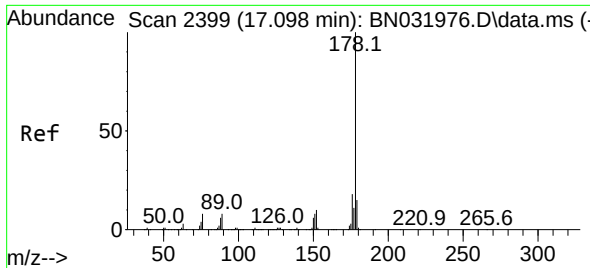


#61
Fluorene
Concen: 4.501 ng/ul
RT: 15.351 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56



Tgt Ion:166 Resp: 253494
Ion Ratio Lower Upper
166 100
165 96.6 80.3 120.5
167 15.3 11.3 16.9





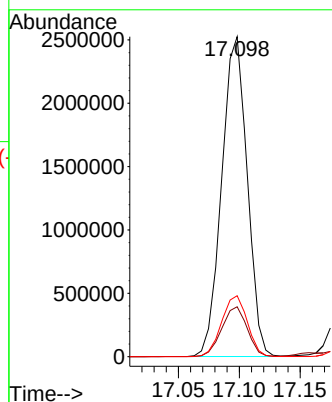
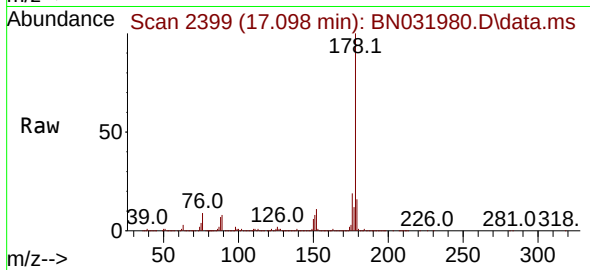
#72
Phenanthrene
Concen: 49.299 ng/u1
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

Instrument :
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ClientSampleId :
BH692

Tgt Ion:178 Resp: 3678430
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.1 15.8 23.6

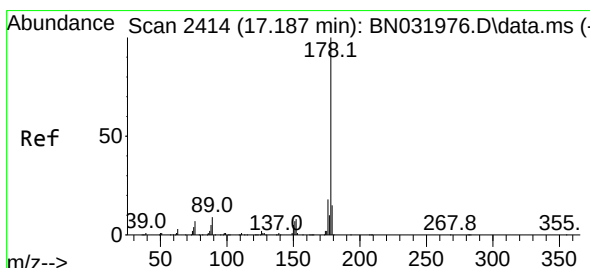
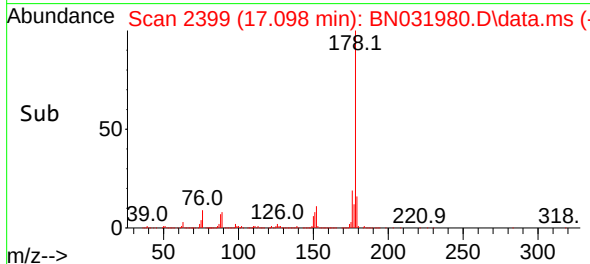
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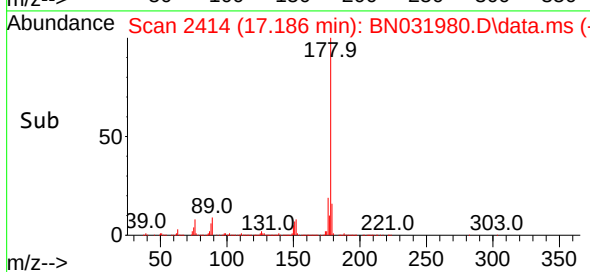
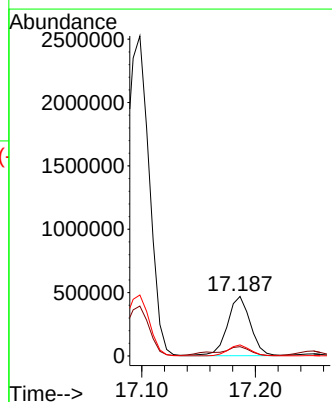
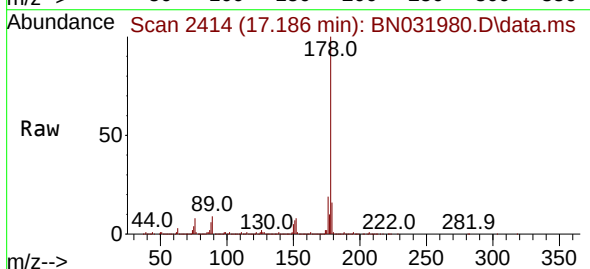
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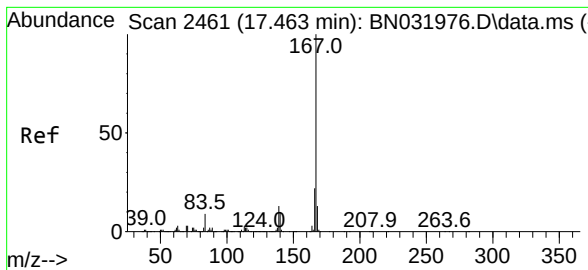
06/14/2024



#74
Anthracene
Concen: 8.698 ng/u1
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

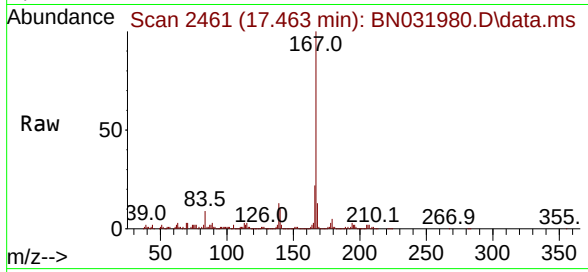
Tgt Ion:178 Resp: 657592
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.6
176 18.6 14.8 22.2





#77
 Carbazole
 Concen: 4.259 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031980.D
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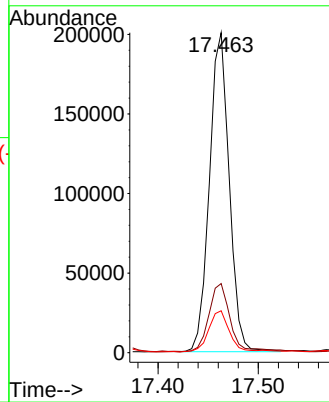
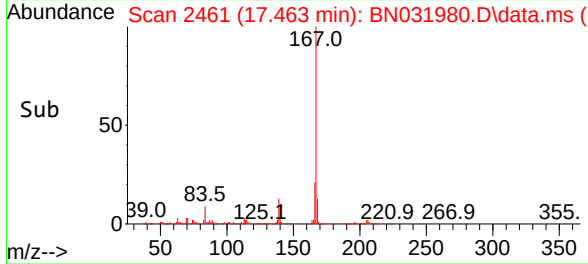
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Tgt Ion:167 Resp: 27453
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.9 26.9
 139 13.1 10.5 15.7

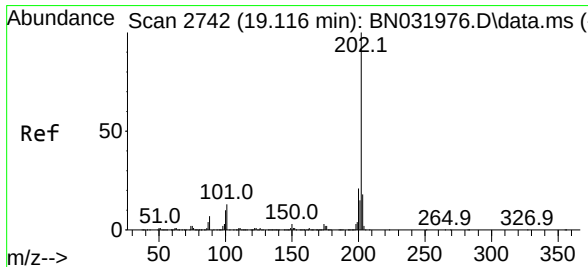
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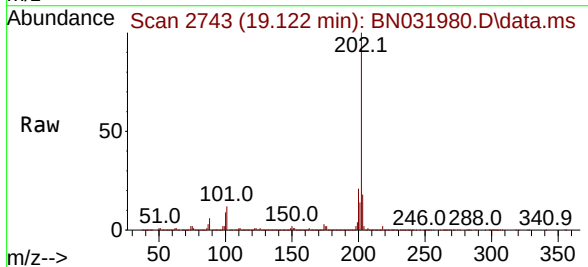


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 ahmed

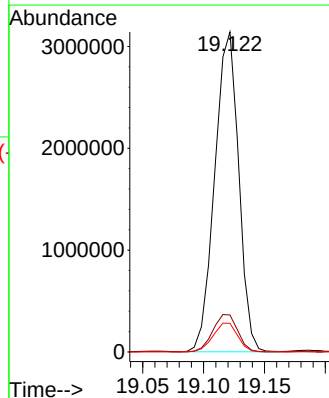
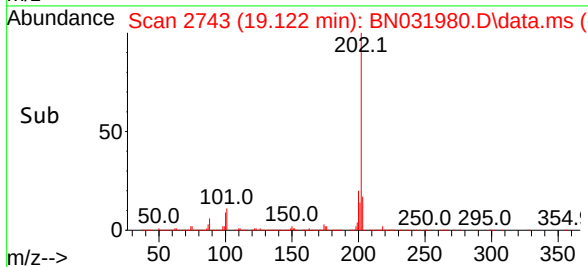
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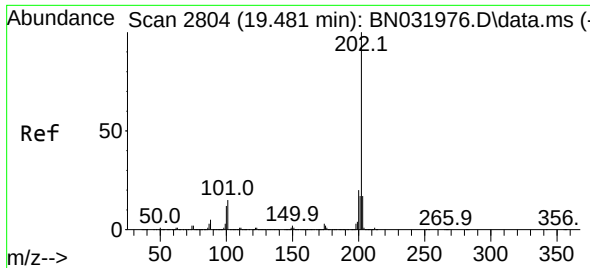


#80
 Fluoranthene
 Concen: 78.481 ng/ul
 RT: 19.122 min Scan# 2743
 Delta R.T. 0.006 min
 Lab File: BN031980.D
 Acq: 13 Jun 2024 16:56



Tgt Ion:202 Resp: 4299720
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.3 15.5
 100 8.9 8.0 12.0





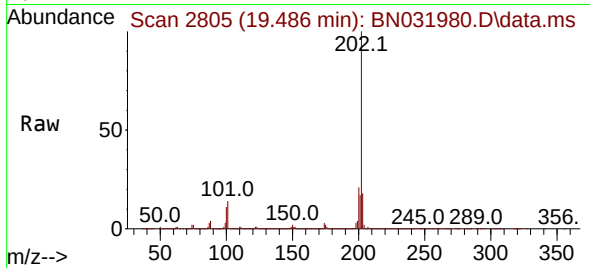
#82
 Pyrene
 Concen: 57.767 ng/ul
 RT: 19.486 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031980.D
 Acq: 13 Jun 2024 16:56

Instrument :

BNA_N

ClientSampleId :

BH692

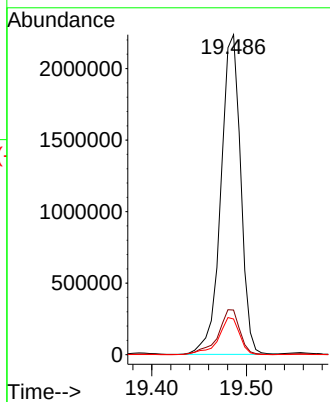
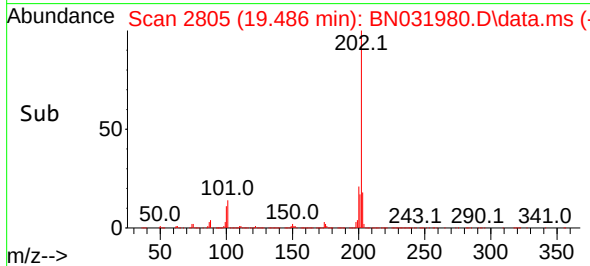


Tgt Ion:202 Resp: 324714
 Ion Ratio Lower Upper
 202 100
 101 14.0 12.6 18.8
 100 11.2 10.2 15.2

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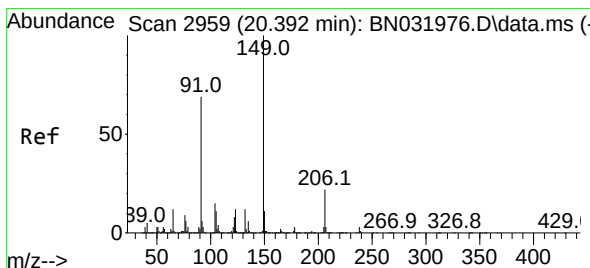
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Reviewed By :Jagrut Upadhyay 06/14/2024
 Supervised By :mohammad ahmed 06/14/2024



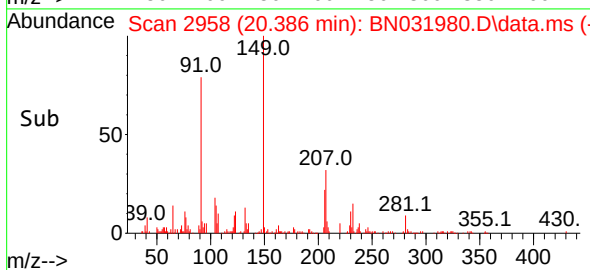
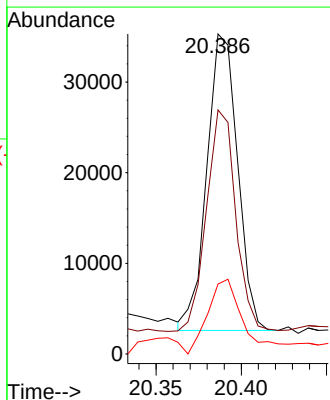
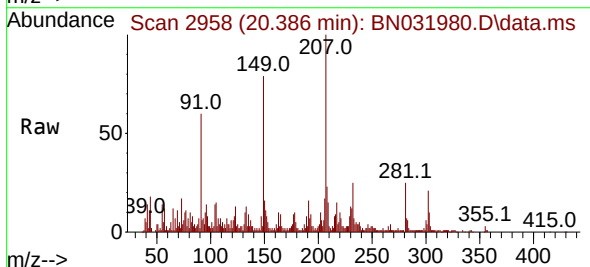
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 ahmed

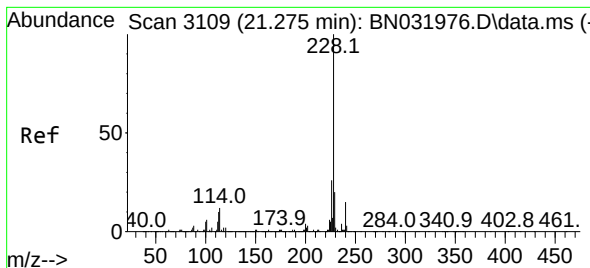
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#83
 Butylbenzylphthalate
 Concen: 1.546 ng/ul
 RT: 20.386 min Scan# 2958
 Delta R.T. -0.006 min
 Lab File: BN031980.D
 Acq: 13 Jun 2024 16:56

Tgt Ion:149 Resp: 41057
 Ion Ratio Lower Upper
 149 100
 91 76.2 61.0 91.4
 206 21.8 16.5 24.7





#85

Benzo(a)anthracene

Concen: 30.618 ng/ul

RT: 21.275 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031980.D

Acq: 13 Jun 2024 16:56

Instrument :

BNA_N

ClientSampleId :

BH692

Tgt Ion:228 Resp: 1755670

Ion Ratio Lower Upper

228 100

229 21.3 16.7 25.1

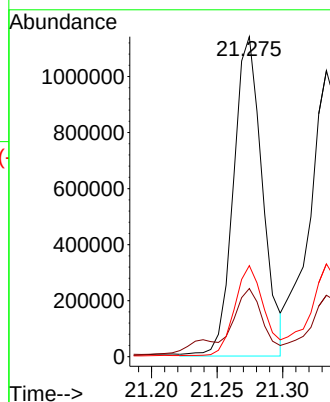
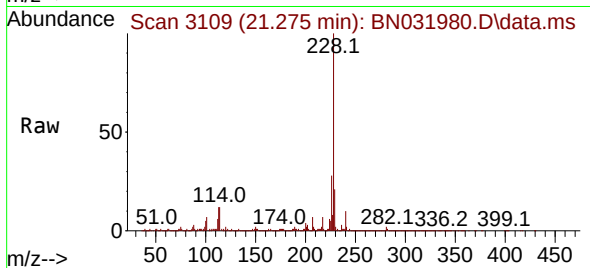
226 28.5 22.8 34.2

Manual Integrations

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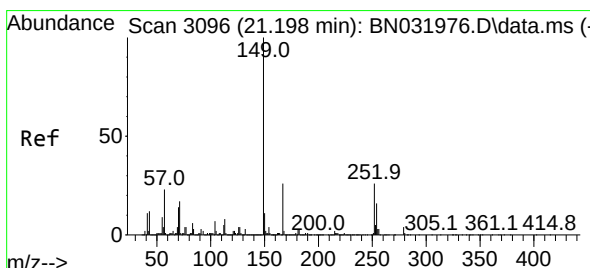
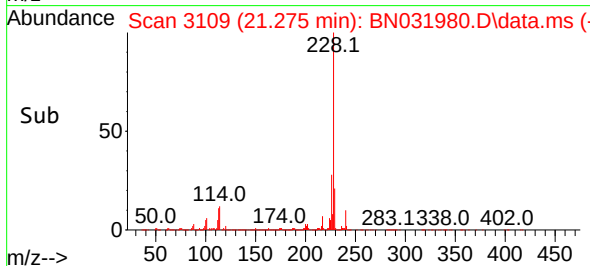
Reviewed By :Jagrut Upadhyay 06/14/2024

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ahmed

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#86

Bis(2-ethylhexyl)phthalate

Concen: 9.820 ng/ul

RT: 21.198 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BN031980.D

Acq: 13 Jun 2024 16:56

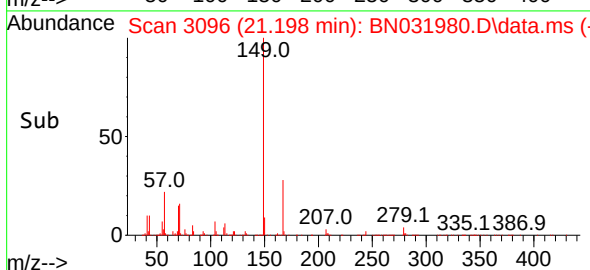
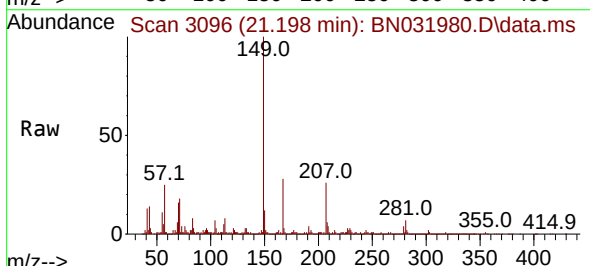
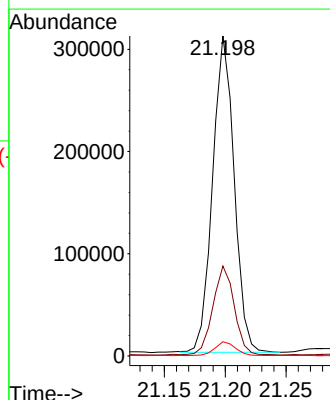
Tgt Ion:149 Resp: 380047

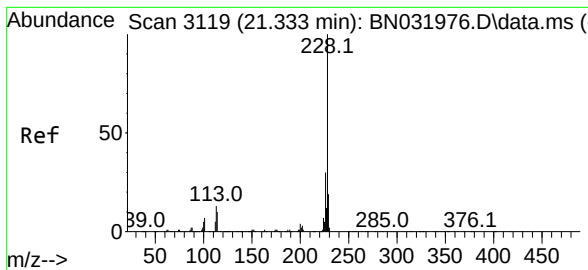
Ion Ratio Lower Upper

149 100

167 28.1 21.4 32.0

279 4.4 3.3 4.9





#87

Chrysene

Concen: 32.577 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031980.D

Acq: 13 Jun 2024 16:56

Instrument :

BNA_N

ClientSampleId :

BH692

Tgt Ion:228 Resp: 174485

Ion Ratio Lower Upper

228 100

226 32.4 23.7 35.5

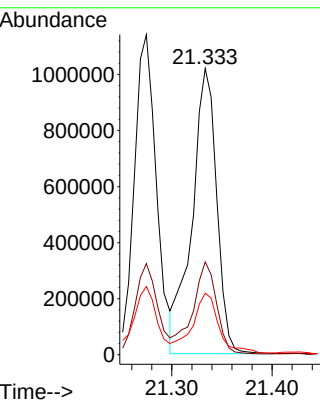
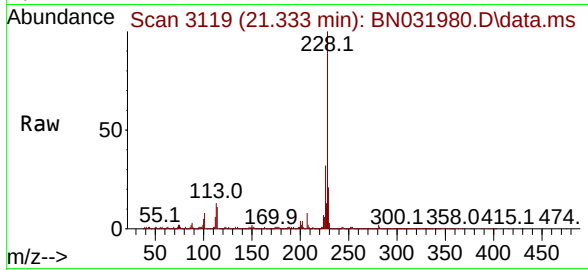
229 21.5 15.1 22.7

Manual Integrations

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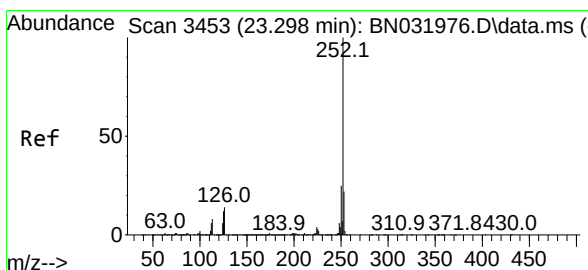
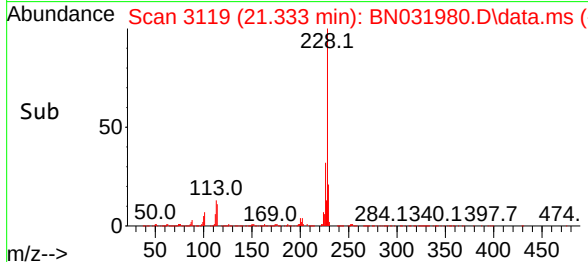
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Supervised By :mohammad ahmed

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#90

Benzo(b)fluoranthene

Concen: 34.974 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. 0.006 min

Lab File: BN031980.D

Acq: 13 Jun 2024 16:56

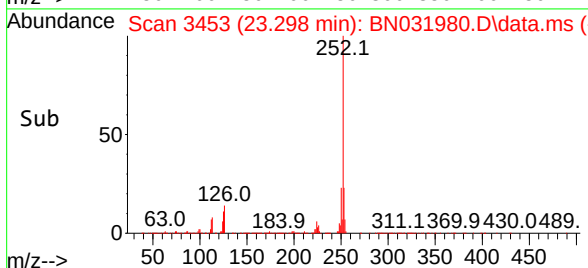
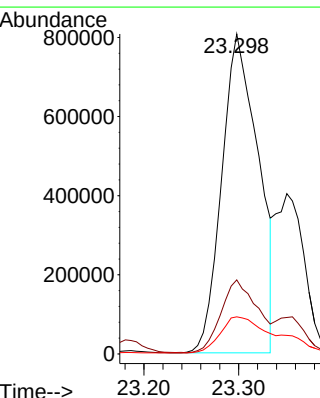
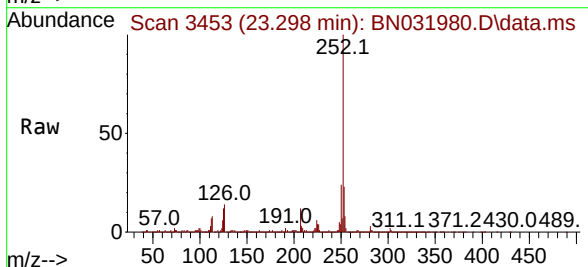
Tgt Ion:252 Resp: 2155945

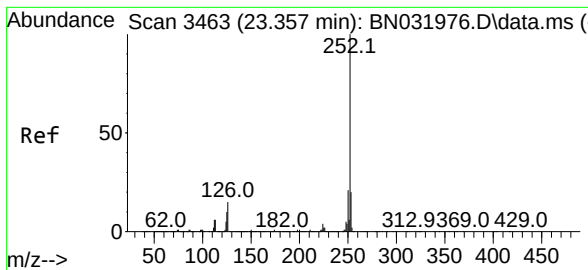
Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.6

125 11.6 9.2 13.8





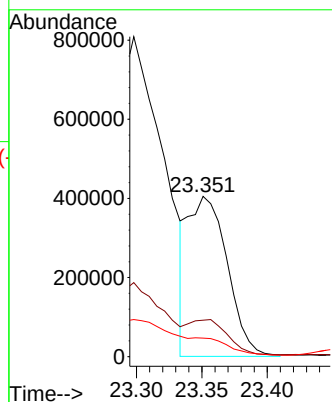
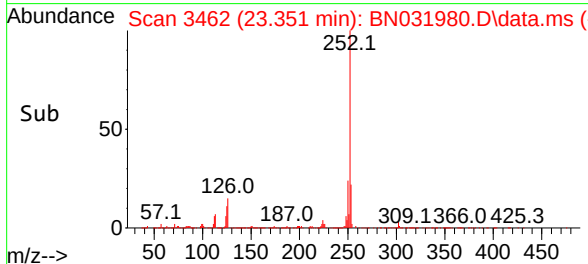
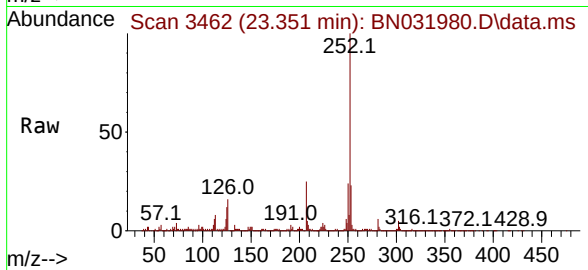
#91
Benzo(k)fluoranthene
Concen: 13.985 ng/ul m
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

Instrument :
BNA_N
ClientSampleId :
BH692

Tgt Ion:252 Resp: 845959
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 11.6 9.4 14.2

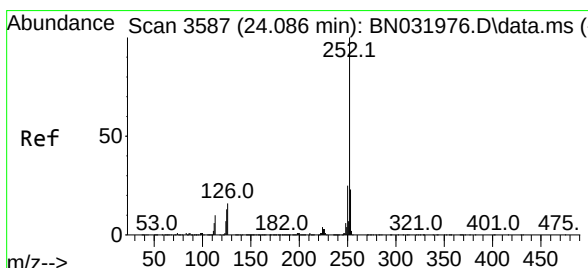
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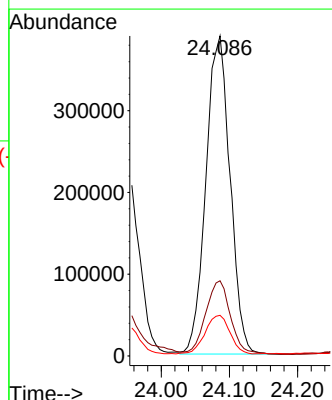
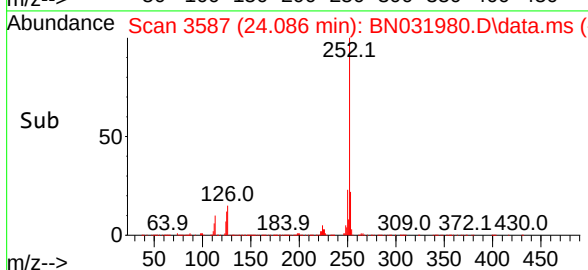
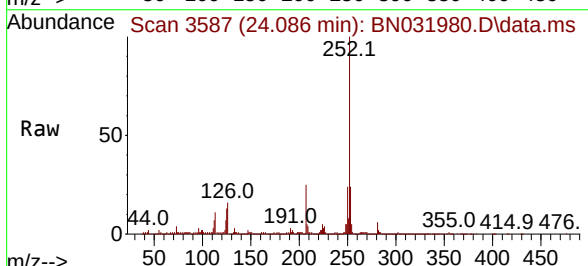
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ahmed

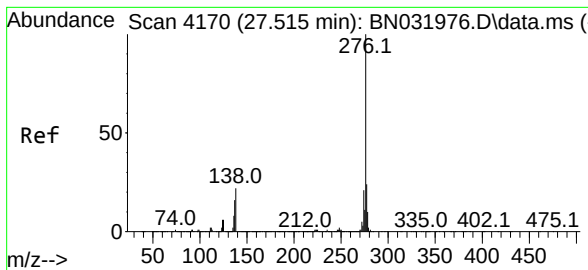
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#93
Benzo(a)pyrene
Concen: 16.632 ng/ul
RT: 24.086 min Scan# 3587
Delta R.T. 0.006 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

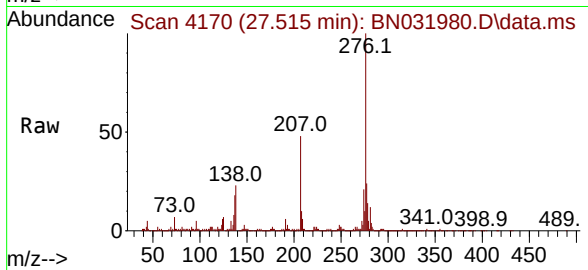
Tgt Ion:252 Resp: 960260
Ion Ratio Lower Upper
252 100
253 23.5 16.6 24.8
125 12.7 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 12.919 ng/ul
RT: 27.515 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56

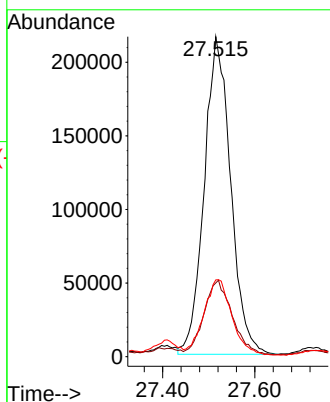
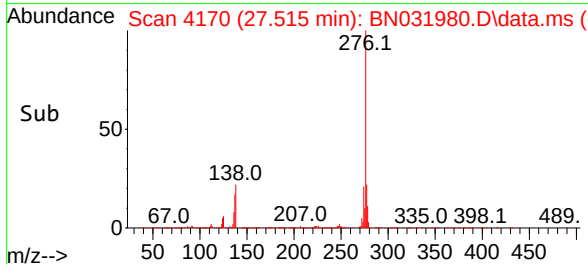
Instrument :
BNA_N
ClientSampleId :
BH692



Tgt Ion:276 Resp: 85946
Ion Ratio Lower Upper
276 100
138 23.0 18.1 27.1
277 24.0 18.2 27.2

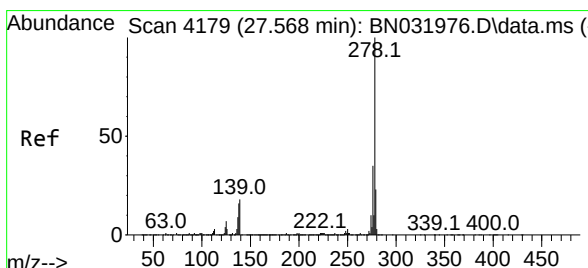
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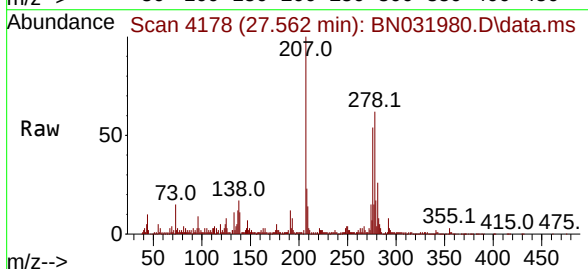


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ahmed

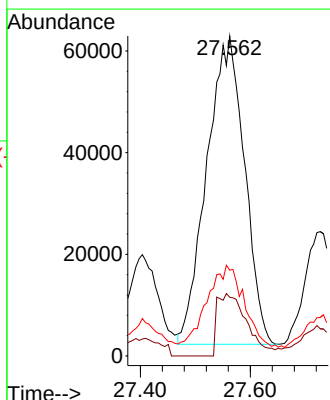
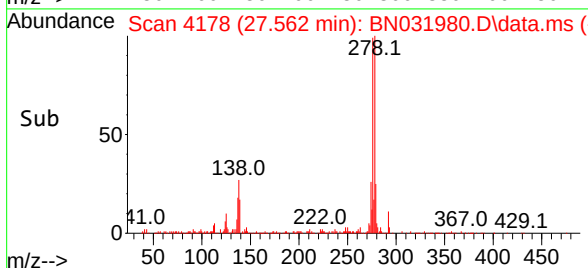
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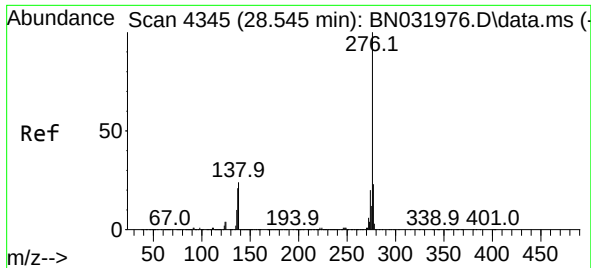


#95
Dibenzo(a,h)anthracene
Concen: 5.316 ng/ul
RT: 27.562 min Scan# 4178
Delta R.T. -0.017 min
Lab File: BN031980.D
Acq: 13 Jun 2024 16:56



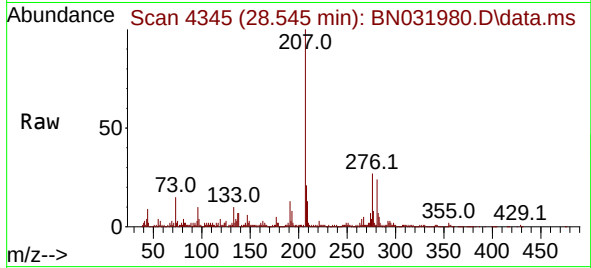
Tgt Ion:278 Resp: 288741
Ion Ratio Lower Upper
278 100
139 18.3 15.0 22.6
279 26.8 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 2.166 ng/ul
 RT: 28.545 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BN031980.D
 Acq: 13 Jun 2024 16:56

Instrument :
 BNA_N
 ClientSampleId :
 BH692

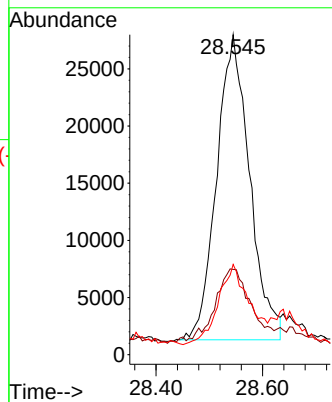
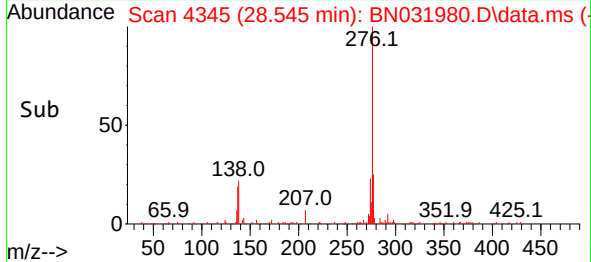


Tgt Ion: 276 Resp: 114538

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.9	31.3
277	28.2	18.0	27.0

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