

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031973.D
 Acq On : 13 Jun 2024 12:20
 Operator : MA/JU
 Sample : P2648-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC45

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 13 12:51:28 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	372972	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1524670	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	890344	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1474436	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1020379	20.000	ng/u1	0.00
88) Perylene-d12	24.227	264	1252427	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	28569	3.169	ng/uL	0.00
4) Pyridine-d5	3.587	84	260800	10.277	ng/u1	0.00
7) Phenol-d5	6.840	99	678332	21.215	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	386274	20.654	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	561565	23.018	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	546584	20.971	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	279123	23.943	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	298389	24.779	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	522802	23.255	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	494794	14.823	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1525288	24.591	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1730385	24.262	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	205334	16.534	ng/u1	0.00
60) Fluorene-d10	15.298	176	1226917	23.378	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	102837	13.876	ng/u1	0.00
73) Anthracene-d10	17.151	188	1561372	24.735	ng/u1	0.00
81) Pyrene-d10	19.457	212	1268998	23.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.027	264	969263	16.207	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.481	105	39997	1.013	ng/u1	95
50) Acenaphthylene	14.028	152	274043	3.400	ng/u1	99
52) Acenaphthene	14.363	153	75432	1.414	ng/u1	97
61) Fluorene	15.351	166	92287	1.582	ng/u1	96
72) Phenanthrene	17.098	178	2027812	26.998	ng/u1	98
74) Anthracene	17.186	178	424531	5.578	ng/u1	98
77) Carbazole	17.463	167	164033	2.528	ng/u1	99
78) Di-n-butylphthalate	18.027	149	266660	2.987	ng/u1	99
80) Fluoranthene	19.122	202	3933468	60.278	ng/u1	96
82) Pyrene	19.486	202	2815359	42.050	ng/u1	96
83) Butylbenzylphthalate	20.392	149	122760	3.882	ng/u1	93
85) Benzo(a)anthracene	21.274	228	1688107	24.717	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	607558	13.180	ng/u1	99
87) Chrysene	21.333	228	1874223	29.379	ng/u1	97
90) Benzo(b)fluoranthene	23.304	252	2527042	33.757	ng/u1	95
91) Benzo(k)fluoranthene	23.357	252	912804m	12.426	ng/u1	
93) Benzo(a)pyrene	24.086	252	988073	14.092	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.521	276	951168m	11.773	ng/u1	
95) Dibenzo(a,h)anthracene	27.568	278	340905	5.168	ng/u1#	93
96) Benzo(g,h,i)perylene	28.539	276	129080m	2.010	ng/u1	

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

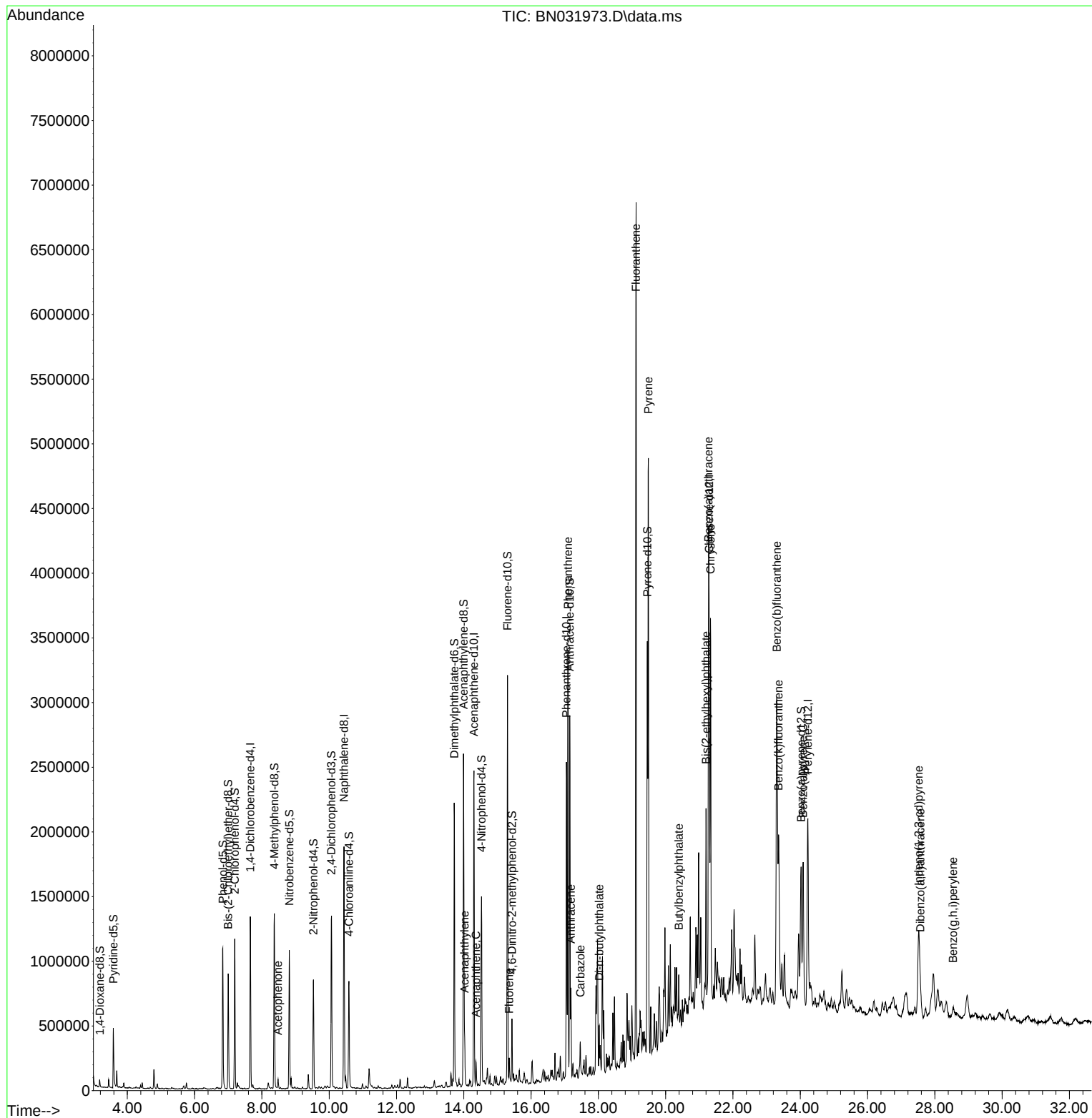
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031973.D
Acq On : 13 Jun 2024 12:20
Operator : MA/JU
Sample : P2648-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

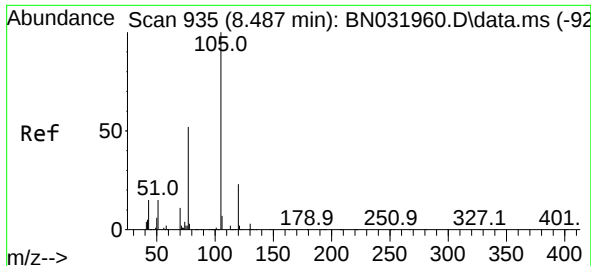
Instrument :
BNA_N
ClientSampleId :
BHC45

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Supervised By :mohammad ahmed 06/14/2024

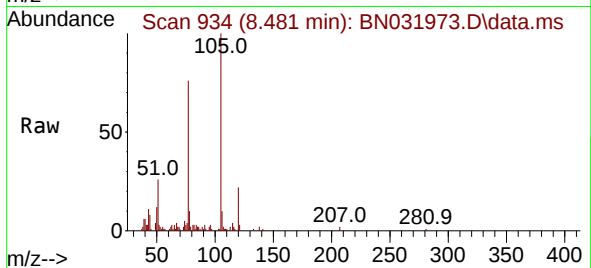
Quant Time: Jun 13 12:51:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.013 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20

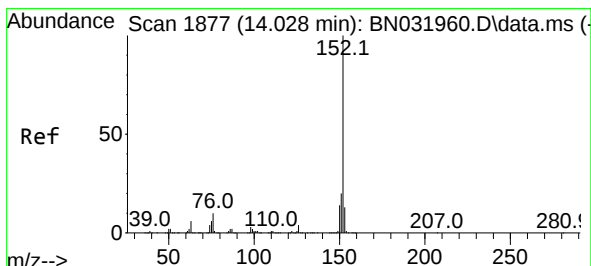
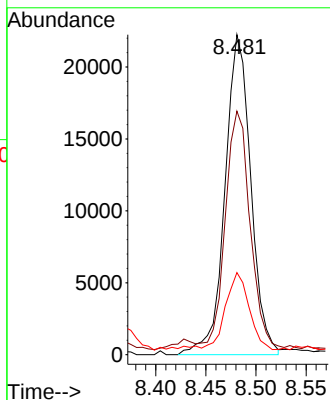
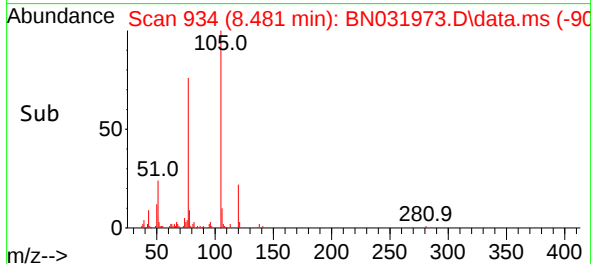
Instrument :
BNA_N
ClientSampleId :
BHC45



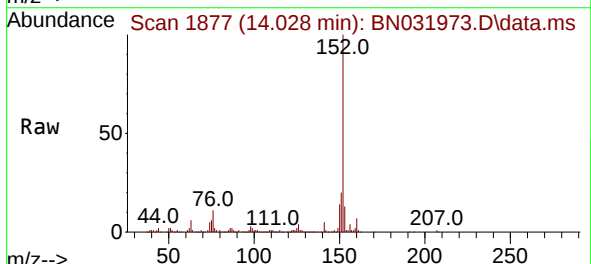
Tgt Ion:105 Resp: 3999
Ion Ratio Lower Upper
105 100
77 76.1 58.6 87.8
51 25.6 17.2 25.8

Manual Integrations
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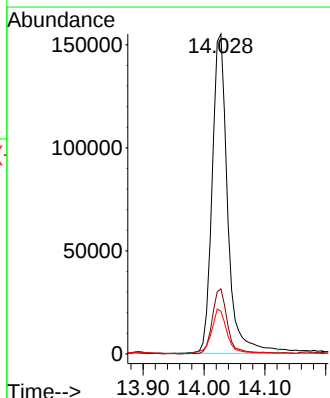
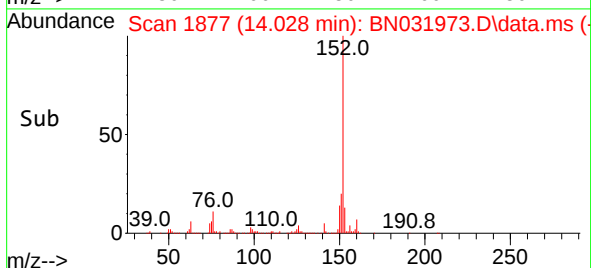
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

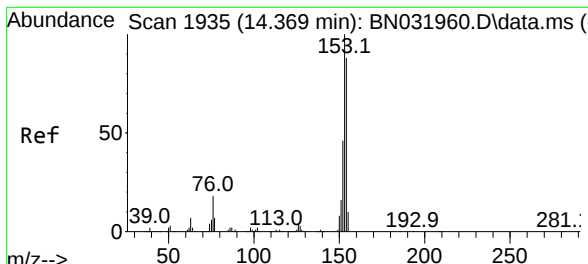


#50
Acenaphthylene
Concen: 3.400 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20



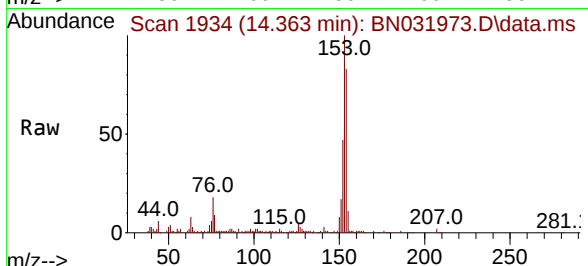
Tgt Ion:152 Resp: 274043
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.4 15.6





#52
 Acenaphthene
 Concen: 1.414 ng/ul
 RT: 14.363 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BN031973.D
 Acq: 13 Jun 2024 12:20

Instrument : BNA_N
 ClientSampleId : BHC45

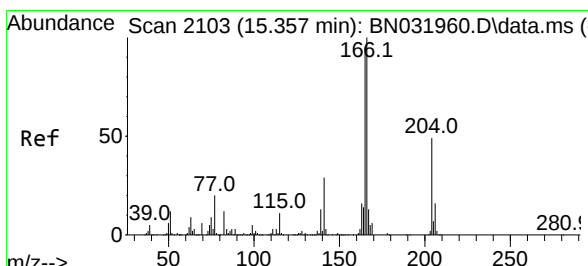
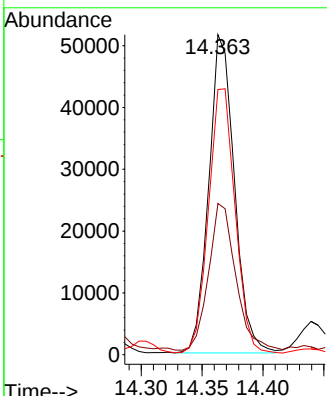
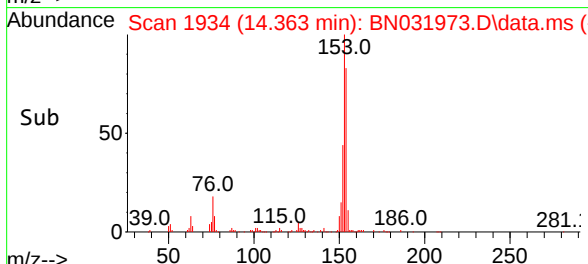


Tgt Ion:153 Resp: 75432

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.8	56.6
154	82.8	69.8	104.8

Manual Integrations
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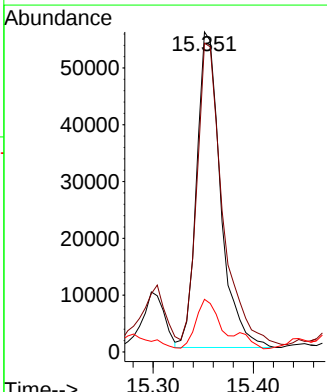
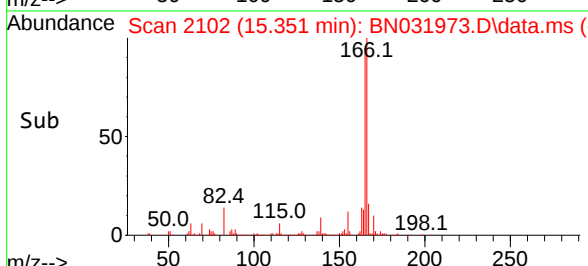
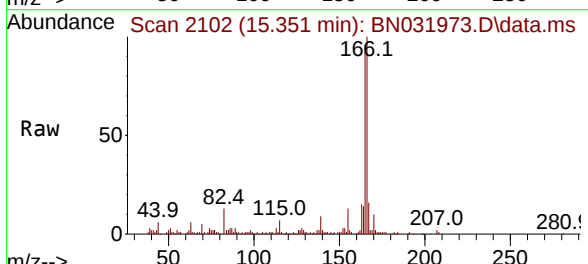
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

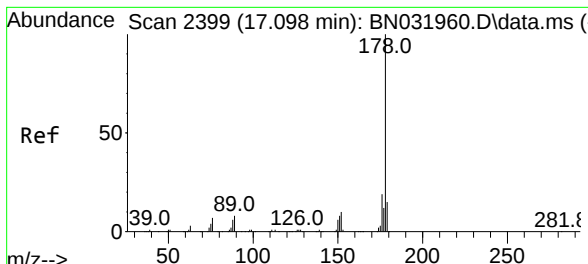


#61
 Fluorene
 Concen: 1.582 ng/ul
 RT: 15.351 min Scan# 2102
 Delta R.T. -0.006 min
 Lab File: BN031973.D
 Acq: 13 Jun 2024 12:20

Tgt Ion:166 Resp: 92287

Ion	Ratio	Lower	Upper
166	100		
165	96.5	80.3	120.5
167	16.5	11.3	16.9





#72
 Phenanthrene
 Concen: 26.998 ng/ul
 RT: 17.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031973.D
 Acq: 13 Jun 2024 12:20

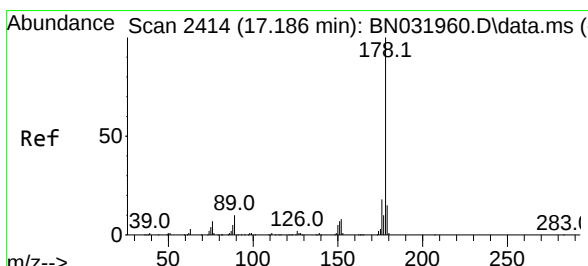
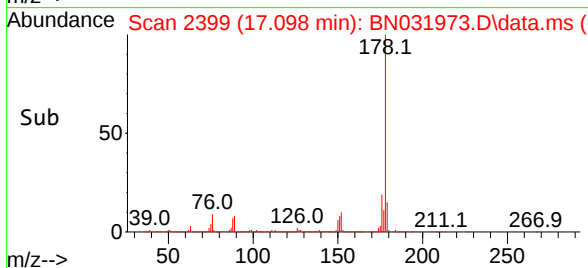
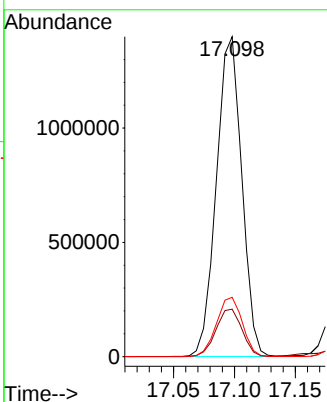
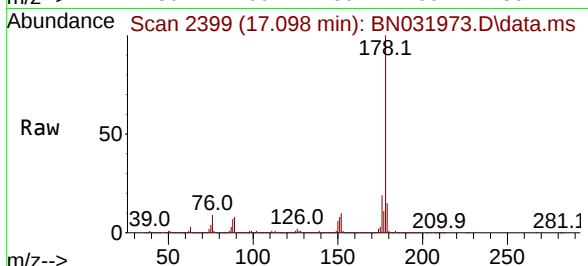
Instrument :
 BNA_N
 ClientSampleId :
 BHC45

Tgt Ion:178 Resp: 202781

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.6	15.8	23.6

Manual Integrations
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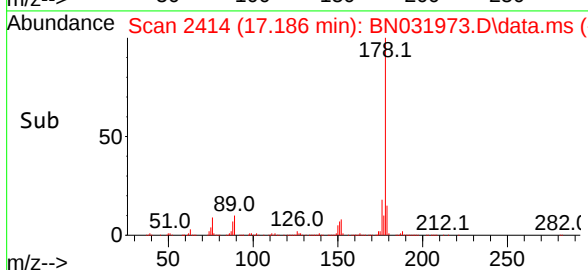
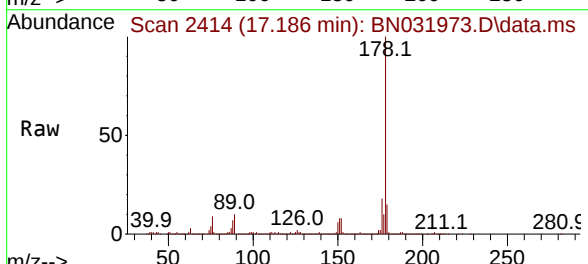
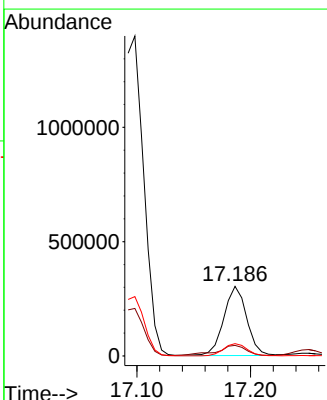
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024

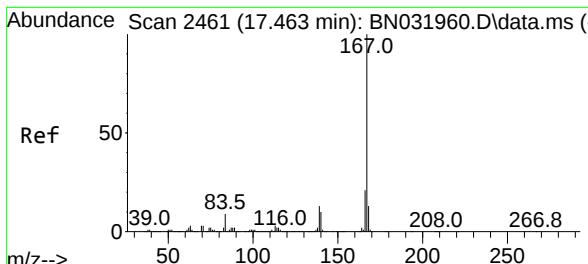


#74
 Anthracene
 Concen: 5.578 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031973.D
 Acq: 13 Jun 2024 12:20

Tgt Ion:178 Resp: 424531

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.6
176	17.6	14.8	22.2





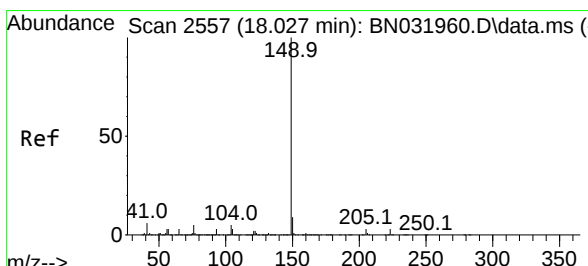
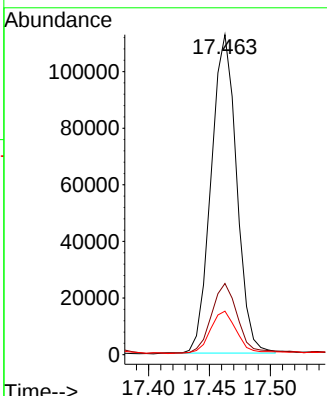
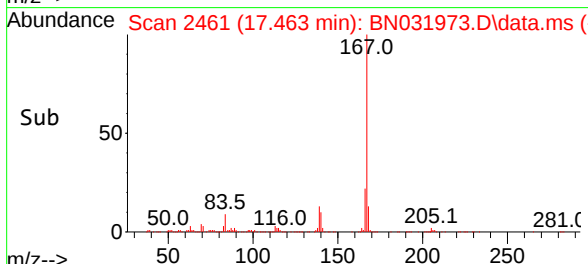
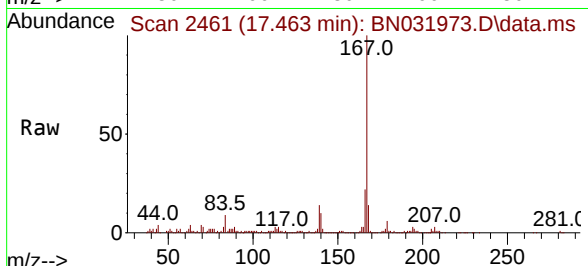
#77
 Carbazole
 Concen: 2.528 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031973.D
 Acq: 13 Jun 2024 12:20

Instrument : BNA_N
 ClientSampleId : BHC45

Tgt Ion:	167	Resp:	16403
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.9	26.9
139	13.6	10.5	15.7

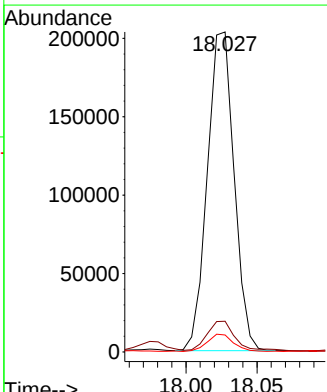
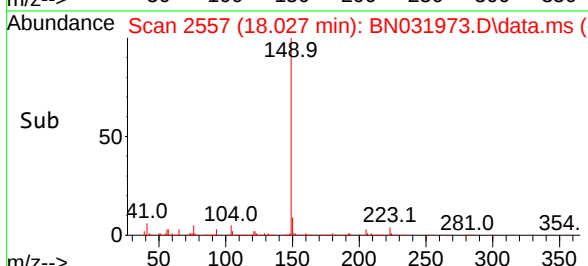
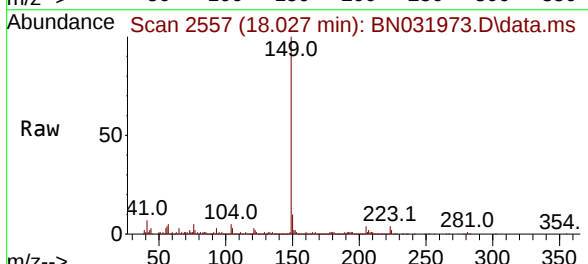
Manual Integrations
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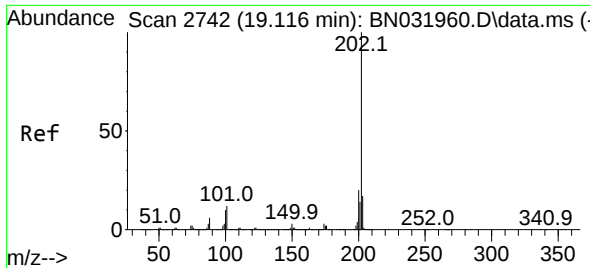
Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/14/2024



#78
 Di-n-butylphthalate
 Concen: 2.987 ng/ul
 RT: 18.027 min Scan# 2557
 Delta R.T. 0.000 min
 Lab File: BN031973.D
 Acq: 13 Jun 2024 12:20

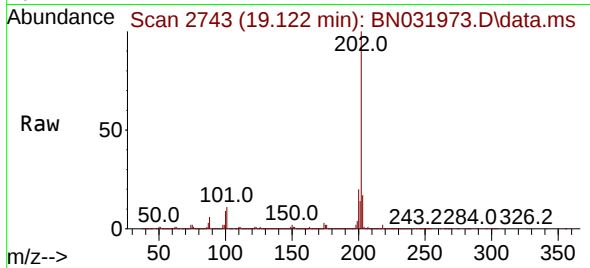
Tgt Ion:	149	Resp:	266660
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.4	11.0
104	5.3	4.1	6.1





#80
Fluoranthene
Concen: 60.278 ng/u1
RT: 19.122 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20

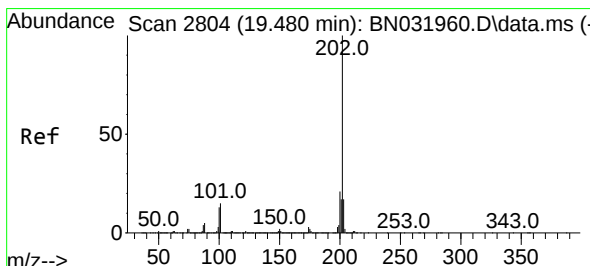
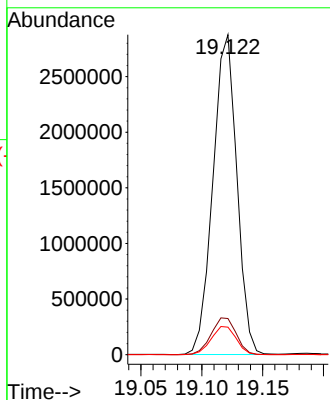
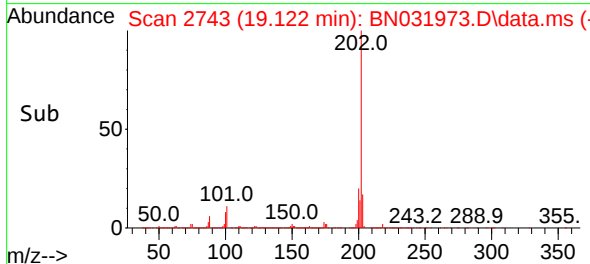
Instrument :
BNA_N
ClientSampleId :
BHC45



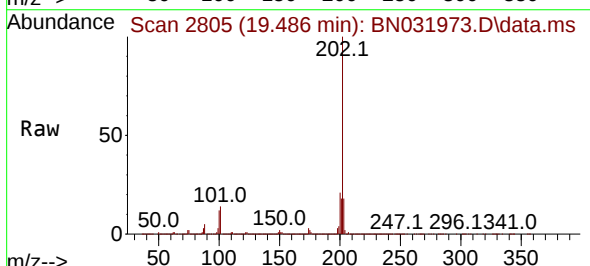
Tgt Ion:202 Resp: 3933468
Ion Ratio Lower Upper
202 100
101 11.3 10.3 15.5
100 8.6 8.0 12.0

Manual Integrations
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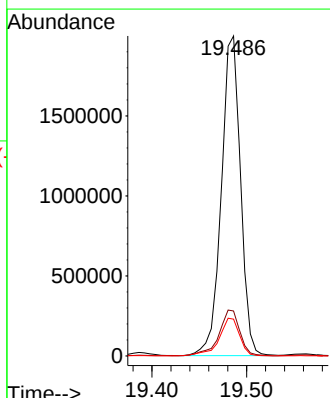
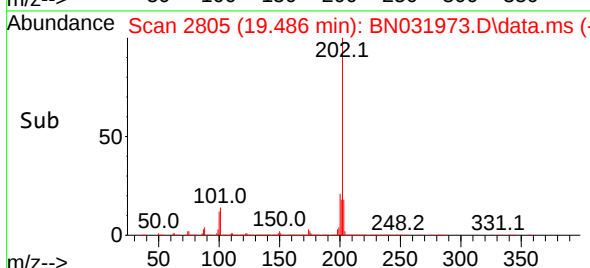
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

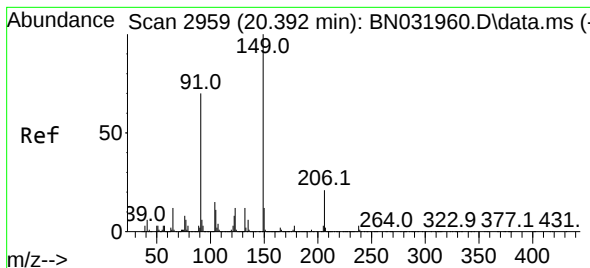


#82
Pyrene
Concen: 42.050 ng/u1
RT: 19.486 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20



Tgt Ion:202 Resp: 2815359
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.5 10.2 15.2





#83

Butylbenzylphthalate

Concen: 3.882 ng/ul

RT: 20.392 min Scan# 2959

Delta R.T. 0.000 min

Lab File: BN031973.D

Acq: 13 Jun 2024 12:20

Instrument :

BNA_N

ClientSampleId :

BHC45

Tgt Ion:149 Resp: 122760

Ion Ratio Lower Upper

149 100

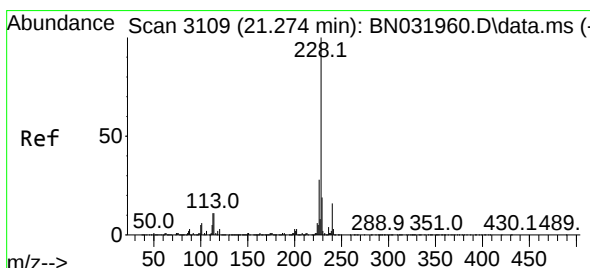
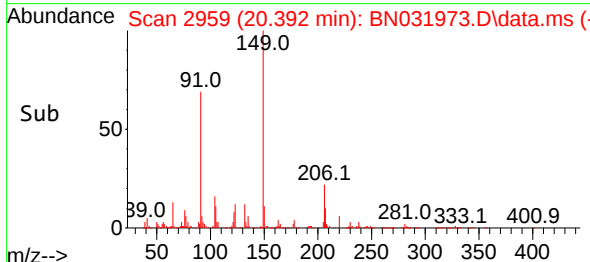
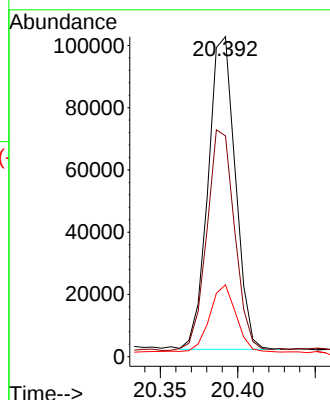
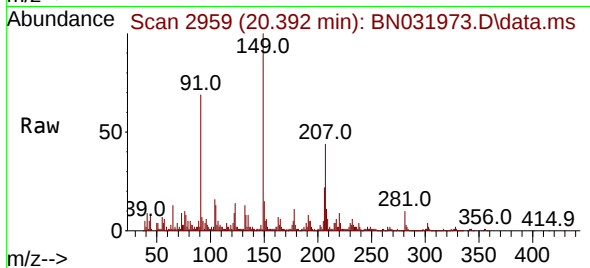
91 69.0 61.0 91.4

206 22.4 16.5 24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2024



#85

Benzo(a)anthracene

Concen: 24.717 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031973.D

Acq: 13 Jun 2024 12:20

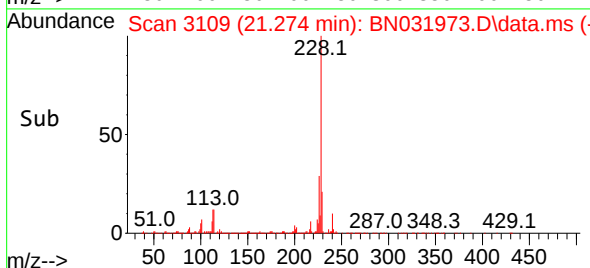
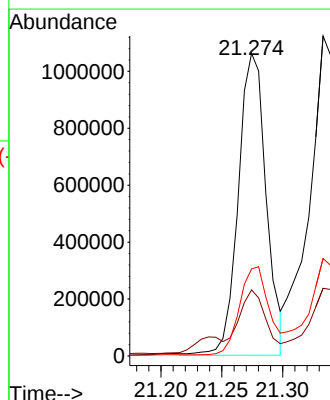
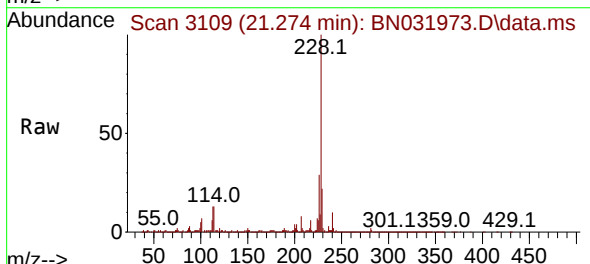
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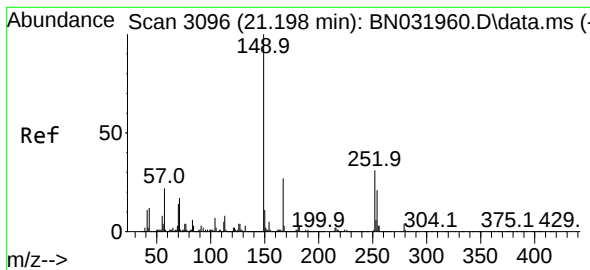
Ion Ratio Lower Upper

228 100

229 21.8 16.7 25.1

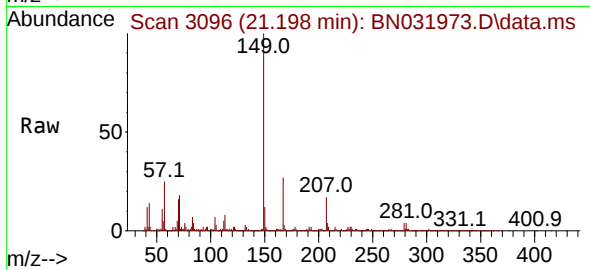
226 28.8 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 13.180 ng/ul
RT: 21.198 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20

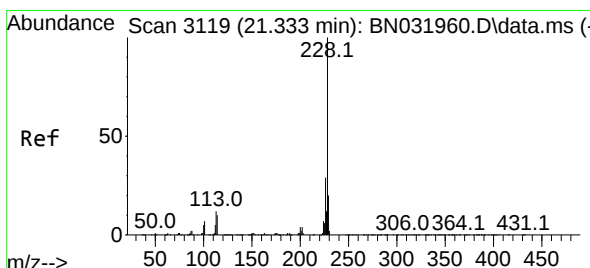
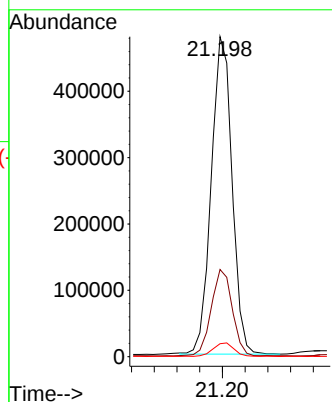
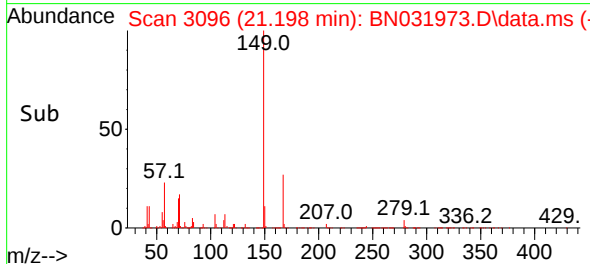
Instrument :
BNA_N
ClientSampleId :
BHC45



Tgt Ion:149 Resp: 607558
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.0 3.3 4.9

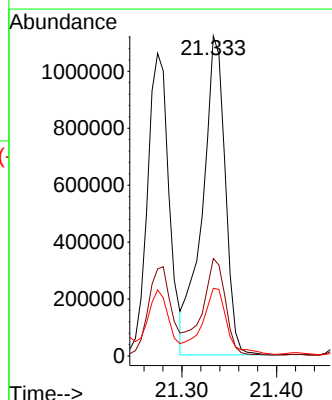
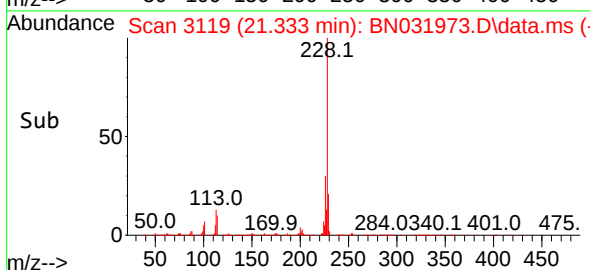
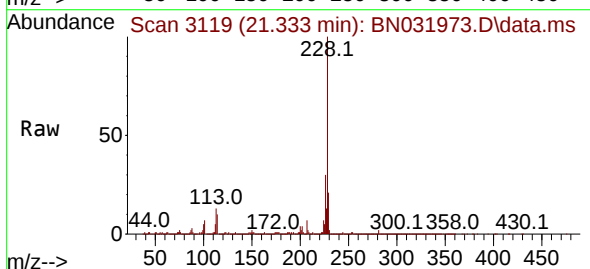
Manual Integrations
APPROVED

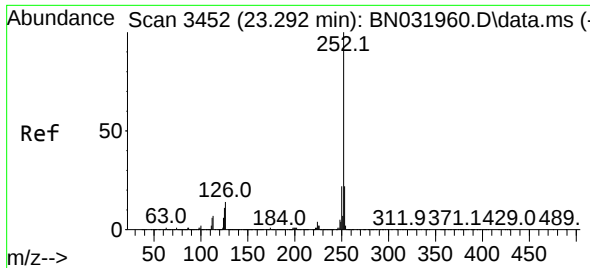
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#87
Chrysene
Concen: 29.379 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20

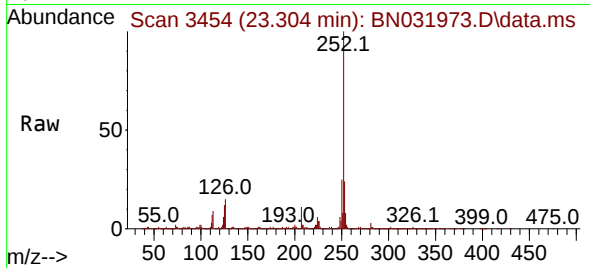
Tgt Ion:228 Resp: 1874223
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 21.2 15.1 22.7





#90
Benzo(b)fluoranthene
Concen: 33.757 ng/ul
RT: 23.304 min Scan# 3452
Delta R.T. 0.012 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20

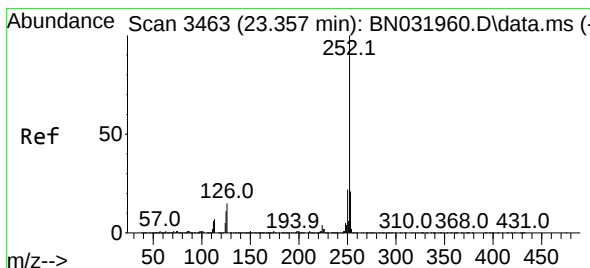
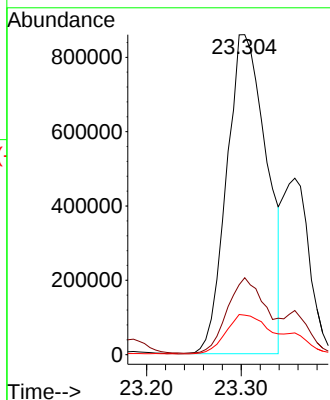
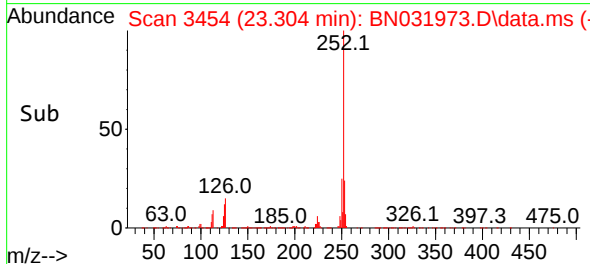
Instrument :
BNA_N
ClientSampleId :
BHC45



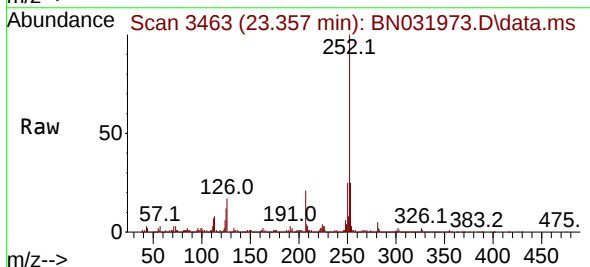
Tgt Ion:252 Resp: 252704
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 12.3 9.2 13.8

Manual Integrations
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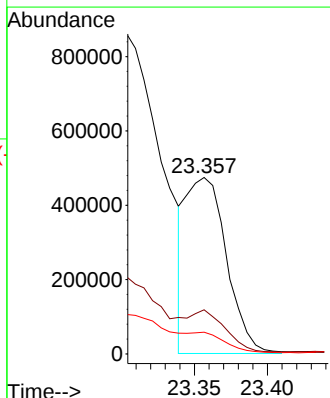
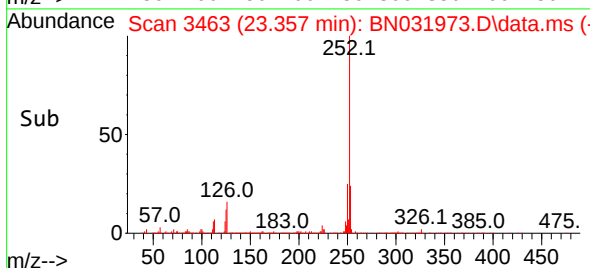
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024

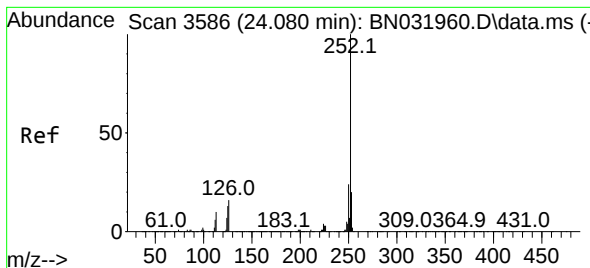


#91
Benzo(k)fluoranthene
Concen: 12.426 ng/ul m
RT: 23.357 min Scan# 3463
Delta R.T. 0.006 min
Lab File: BN031973.D
Acq: 13 Jun 2024 12:20



Tgt Ion:252 Resp: 912804
Ion Ratio Lower Upper
252 100
253 25.0 17.6 26.4
125 12.3 9.4 14.2





#93

Benzo(a)pyrene

Concen: 14.092 ng/ul

RT: 24.086 min Scan# 3586

Delta R.T. 0.006 min

Lab File: BN031973.D

Acq: 13 Jun 2024 12:20

Instrument :

BNA_N

ClientSampleId :

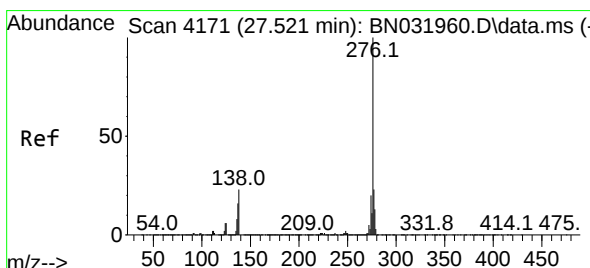
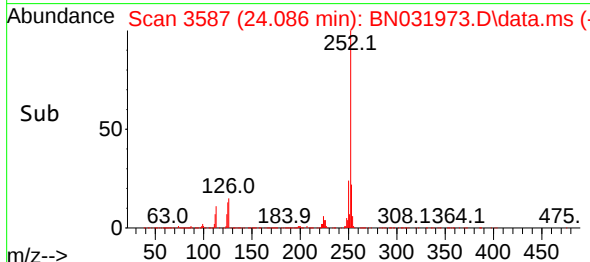
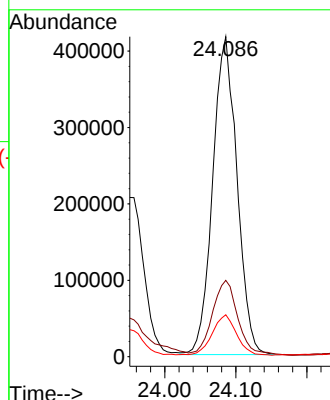
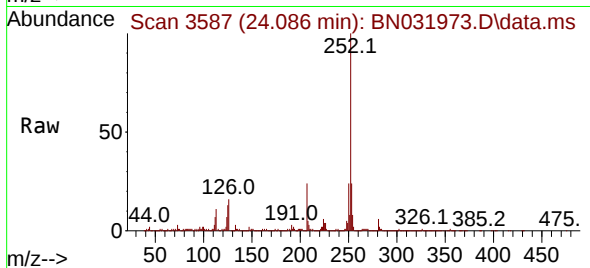
BHC45

Tgt Ion:	252	Resp:	98807
Ion Ratio	Lower	Upper	
252	100		
253	23.9	16.6	24.8
125	13.1	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 11.773 ng/ul m

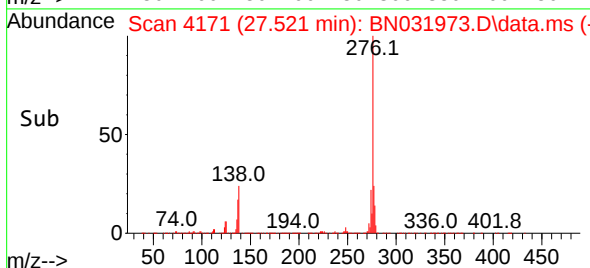
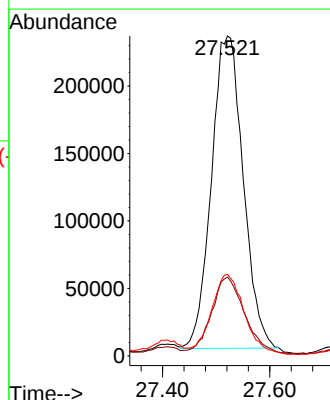
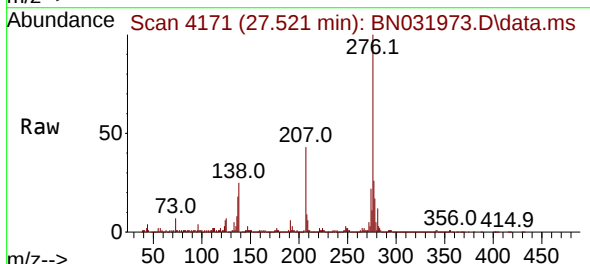
RT: 27.521 min Scan# 4171

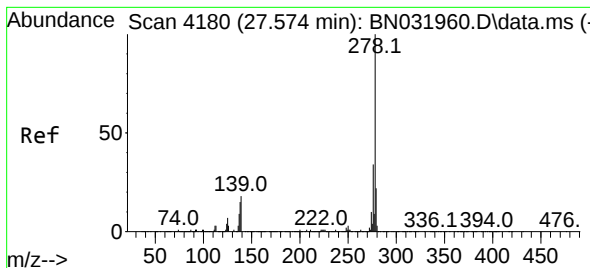
Delta R.T. 0.006 min

Lab File: BN031973.D

Acq: 13 Jun 2024 12:20

Tgt Ion:	276	Resp:	951168
Ion Ratio	Lower	Upper	
276	100		
138	24.6	18.1	27.1
277	25.5	18.2	27.2





#95

Dibenzo(a,h)anthracene

Concen: 5.168 ng/ul

RT: 27.568 min Scan# 4180

Delta R.T. -0.012 min

Lab File: BN031973.D

Acq: 13 Jun 2024 12:20

Instrument :

BNA_N

ClientSampleId :

BHC45

Tgt Ion:278 Resp: 34090

Ion Ratio Lower Upper

278 100

139 17.7 15.0 22.6

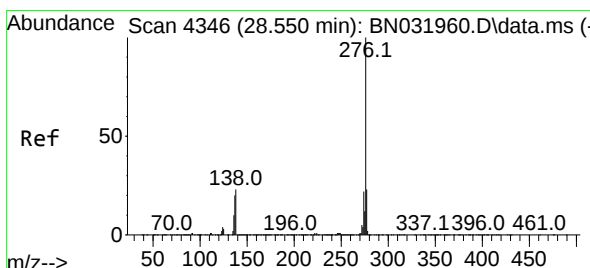
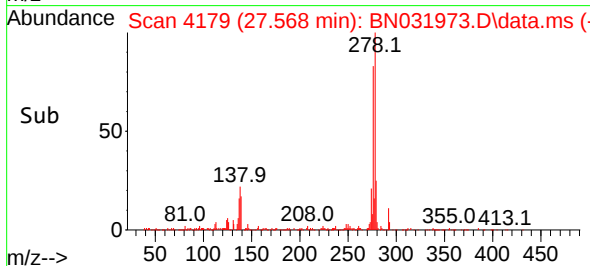
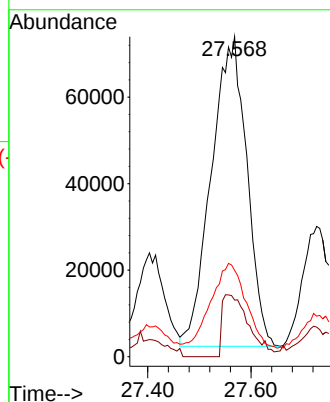
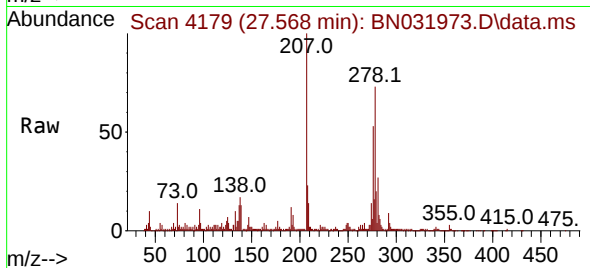
279 27.0 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024

Supervised By :mohammad ahmed 06/14/2024



#96

Benzo(g,h,i)perylene

Concen: 2.010 ng/ul m

RT: 28.539 min Scan# 4344

Delta R.T. -0.006 min

Lab File: BN031973.D

Acq: 13 Jun 2024 12:20

Tgt Ion:276 Resp: 129080

Ion Ratio Lower Upper

276 100

138 26.8 20.9 31.3

277 25.9 18.0 27.0

