

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031922.D
 Acq On : 11 Jun 2024 22:56
 Operator : MA/JU
 Sample : P2659-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC29

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 23:28:27 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	7.663	152	357703	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1646041	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1086541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	2230651	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1606404	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1516369	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	27440	3.174	ng/uL	0.00
4) Pyridine-d5	3.587	84	127200	5.226	ng/u1	0.00
7) Phenol-d5	6.834	99	617039	20.122	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	379177	21.140	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	516214	22.062	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	531670	21.270	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	279128	22.178	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	295066	22.696	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	521559	21.489	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	410253	11.384	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1678479	22.174	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1943380	22.328	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	180547	11.913	ng/u1	0.00
60) Fluorene-d10	15.298	176	1436536	22.429	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	202463	18.057	ng/u1	0.00
73) Anthracene-d10	17.157	188	2234097	23.394	ng/u1	0.00
81) Pyrene-d10	19.457	212	2177207	25.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1211330	16.729	ng/u1	0.00
Target Compounds	Qvalue					
16) Acetophenone	8.481	105	65169	1.720	ng/u1	98
50) Acenaphthylene	14.028	152	456014	4.636	ng/u1	99
52) Acenaphthene	14.369	153	81405	1.251	ng/u1	99
61) Fluorene	15.357	166	154276	2.167	ng/u1	99
72) Phenanthrene	17.098	178	4014252	35.327	ng/u1	99
74) Anthracene	17.186	178	648130	5.629	ng/u1	99
77) Carbazole	17.463	167	327594	3.337	ng/u1	99
80) Fluoranthene	19.122	202	7852872	76.439	ng/u1	99
82) Pyrene	19.486	202	6167100	58.509	ng/u1	97
83) Butylbenzylphthalate	20.392	149	195407	3.925	ng/u1	92
85) Benzo(a)anthracene	21.274	228	3335267	31.019	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	729025	10.046	ng/u1	99
87) Chrysene	21.333	228	3550631	35.353	ng/u1	98
90) Benzo(b)fluoranthene	23.304	252	4043838	44.616	ng/u1	97
91) Benzo(k)fluoranthene	23.357	252	1270842m	14.289	ng/u1	
93) Benzo(a)pyrene	24.080	252	1663140	19.592	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.515	276	1419967	14.516	ng/u1	98
95) Dibenzo(a,h)anthracene	27.551	278	470660m	5.893	ng/u1	
96) Benzo(g,h,i)perylene	28.533	276	203194m	2.613	ng/u1	

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

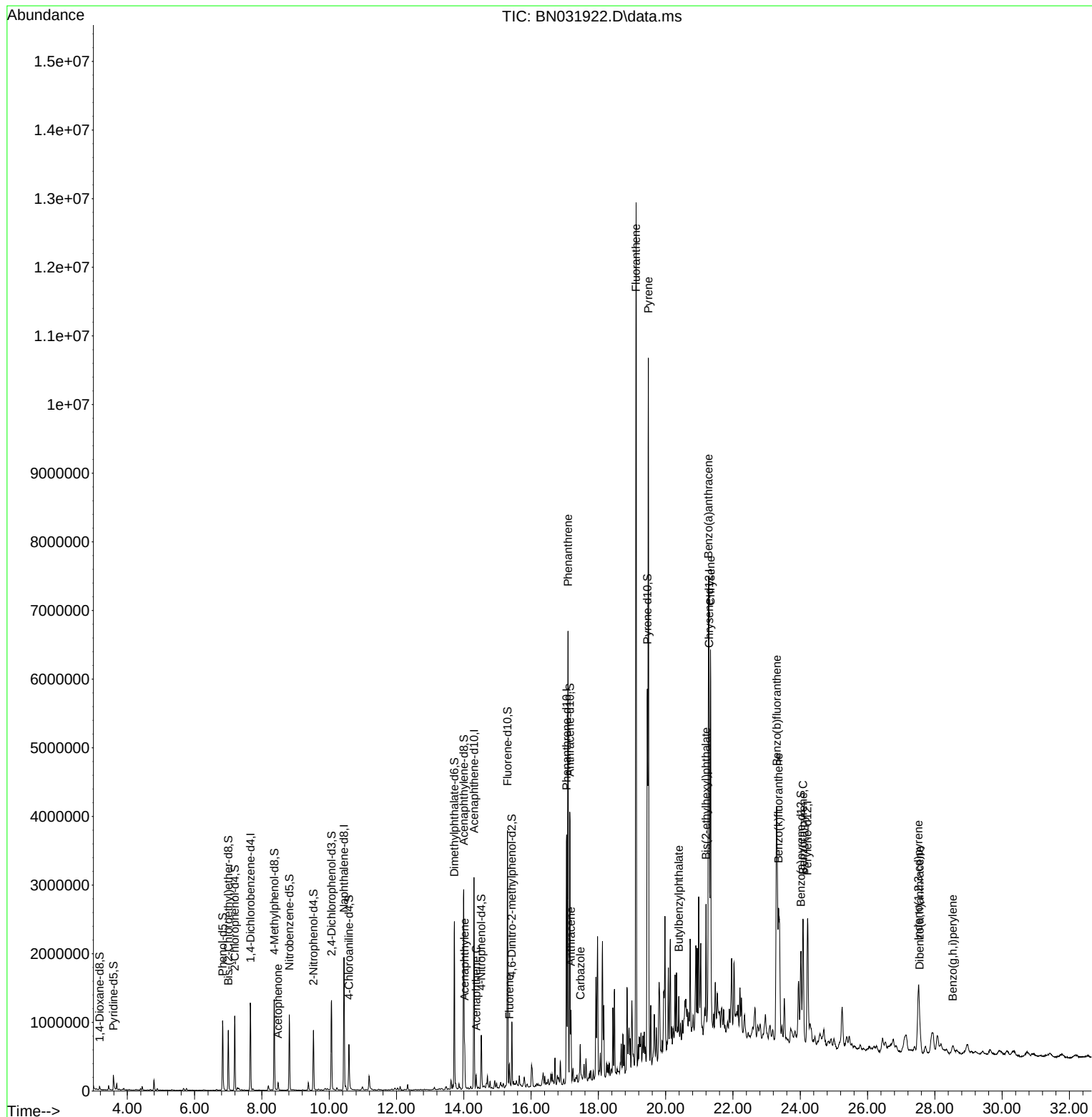
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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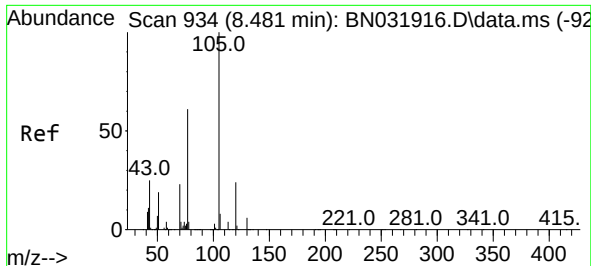
Instrument :
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Quant Time: Jun 11 23:28:27 2024
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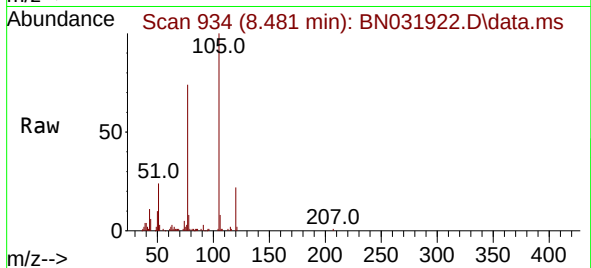
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024





#16
Acetophenone
Concen: 1.720 ng/ul
RT: 8.481 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031922.D
Acq: 11 Jun 2024 22:56

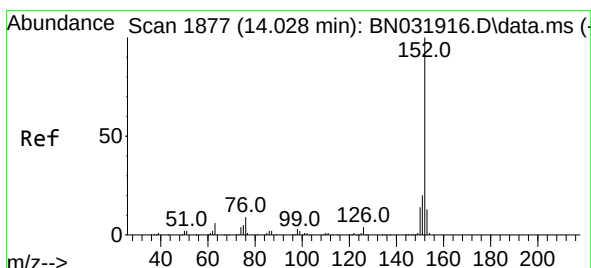
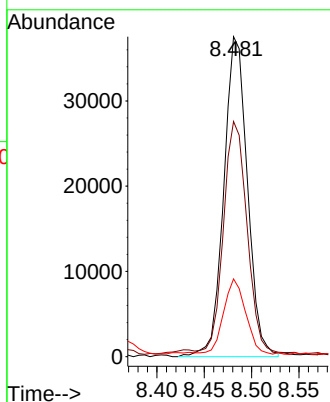
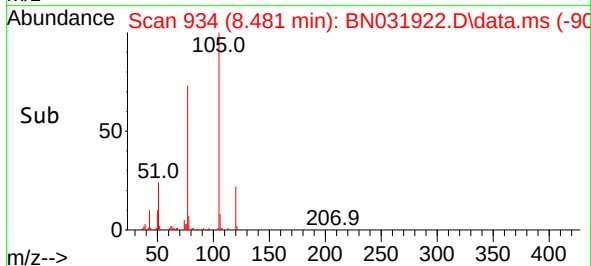
Instrument :
BNA_N
ClientSampleId :
BHC29



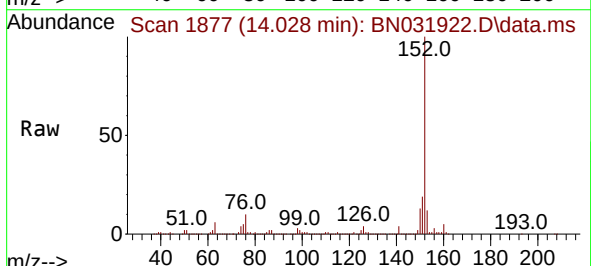
Tgt Ion:105 Resp: 65169
Ion Ratio Lower Upper
105 100
77 73.5 58.6 87.8
51 24.3 17.2 25.8

Manual Integrations
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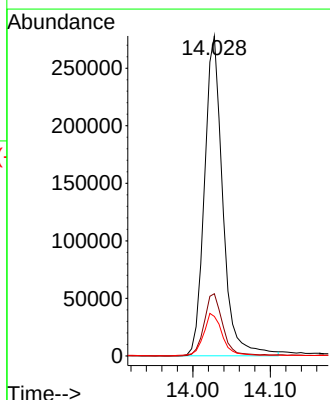
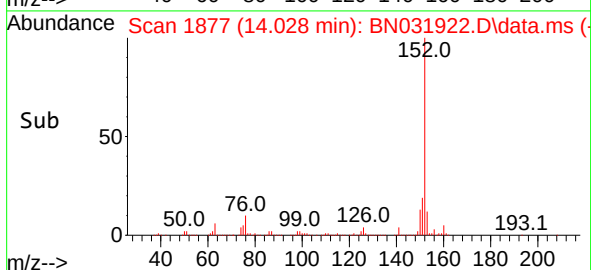
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

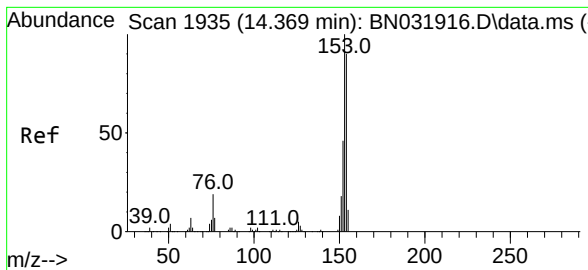


#50
Acenaphthylene
Concen: 4.636 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031922.D
Acq: 11 Jun 2024 22:56



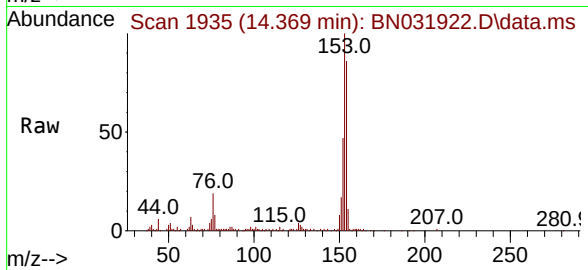
Tgt Ion:152 Resp: 456014
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 12.4 10.4 15.6





#52
Acenaphthene
Concen: 1.251 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BN031922.D
Acq: 11 Jun 2024 22:56

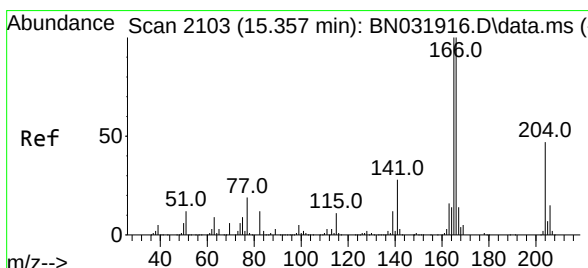
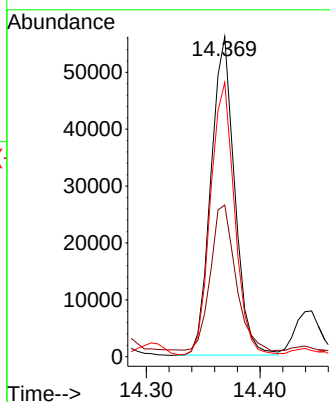
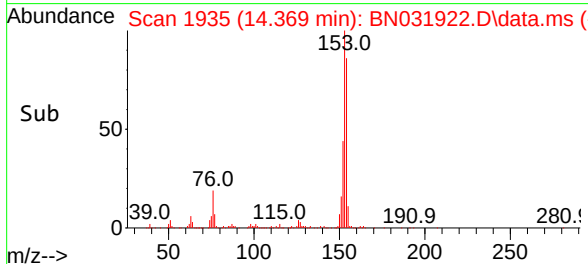
Instrument :
BNA_N
ClientSampleId :
BHC29



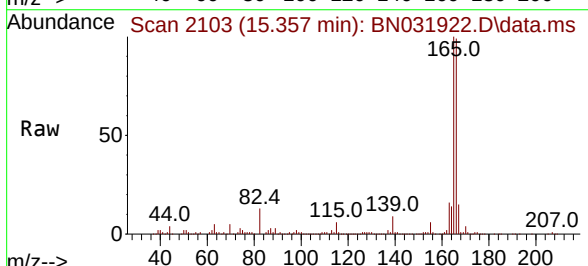
Tgt Ion:	153	Resp:	81408
Ion Ratio	Lower	Upper	
153	100		
152	47.4	37.8	56.6
154	85.7	69.8	104.8

Manual Integrations
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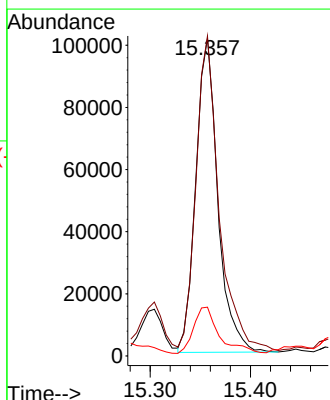
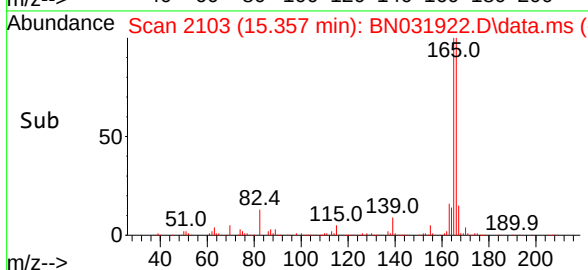
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

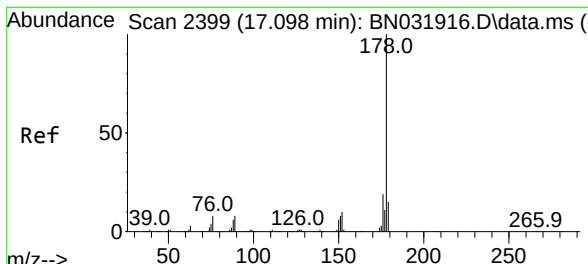


#61
Fluorene
Concen: 2.167 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN031922.D
Acq: 11 Jun 2024 22:56



Tgt Ion:	166	Resp:	154276
Ion Ratio	Lower	Upper	
166	100		
165	100.8	80.3	120.5
167	15.4	11.3	16.9





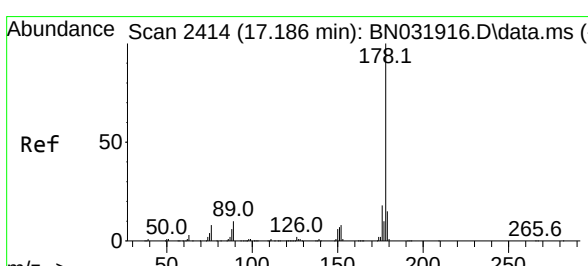
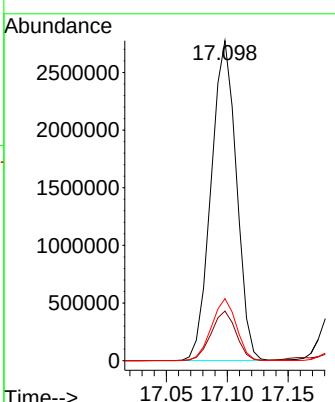
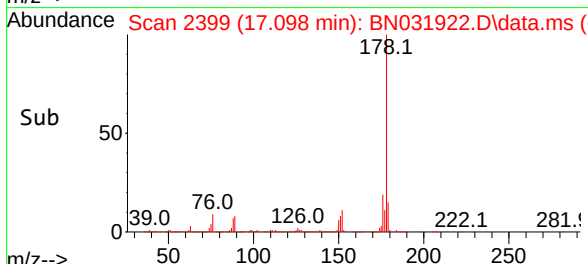
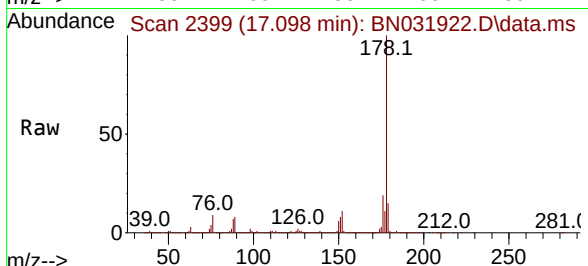
#72
 Phenanthrene
 Concen: 35.327 ng/ul
 RT: 17.098 min Scan# 2399
 Delta R.T. 0.000 min
 Lab File: BN031922.D
 Acq: 11 Jun 2024 22:56

Instrument : BNA_N
 ClientSampleId : BHC29

Tgt Ion:178 Resp: 401425

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.4	15.8	23.6

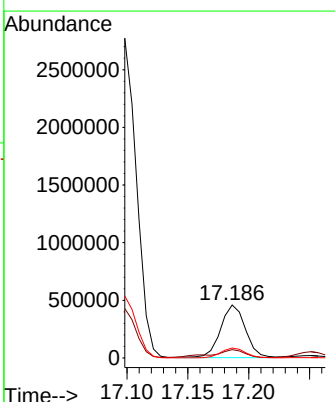
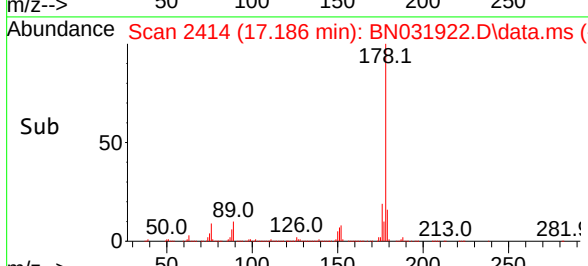
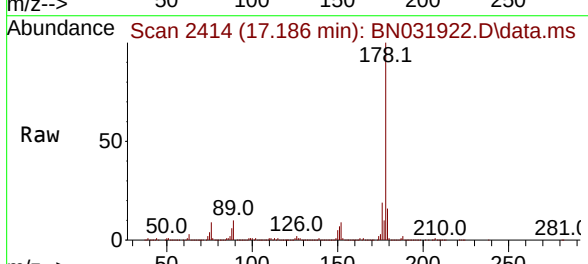
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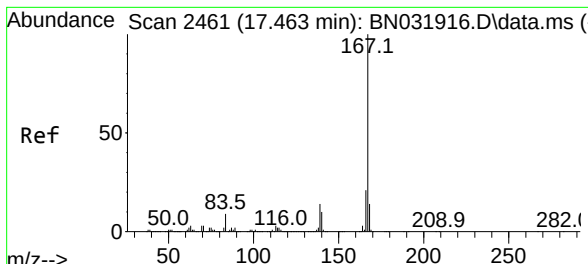


#74
 Anthracene
 Concen: 5.629 ng/ul
 RT: 17.186 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BN031922.D
 Acq: 11 Jun 2024 22:56

Tgt Ion:178 Resp: 648130

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.6
176	18.6	14.8	22.2





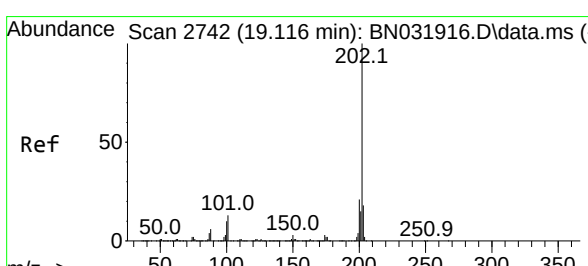
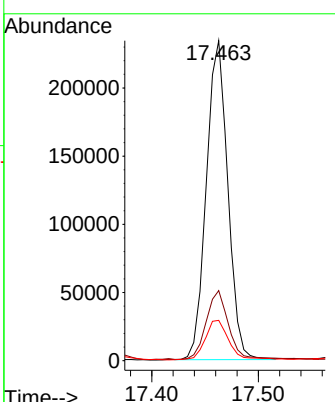
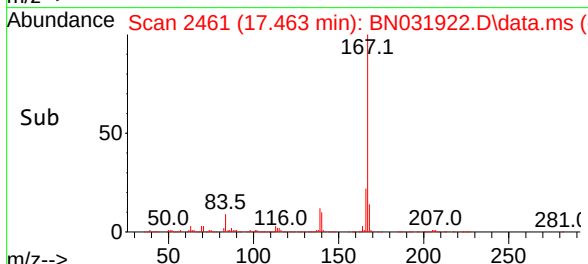
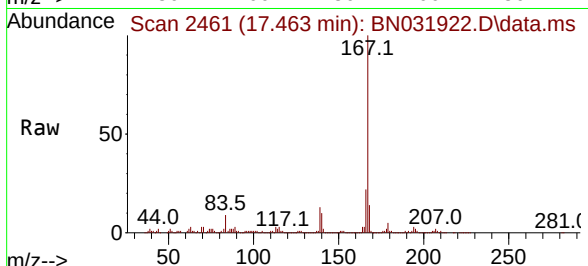
#77
 Carbazole
 Concen: 3.337 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031922.D
 Acq: 11 Jun 2024 22:56

Instrument : BNA_N
 ClientSampleId : BHC29

Tgt Ion:167 Resp: 327594

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.6	10.5	15.7

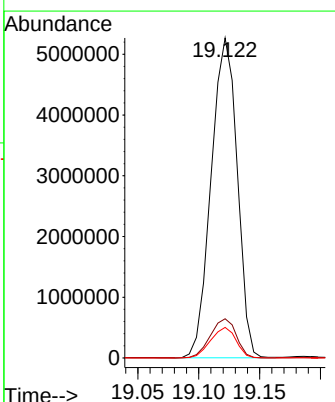
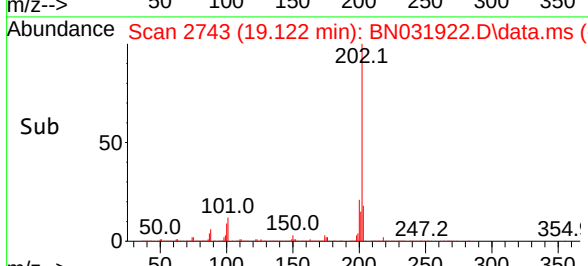
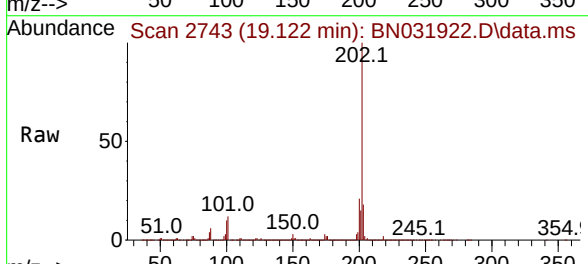
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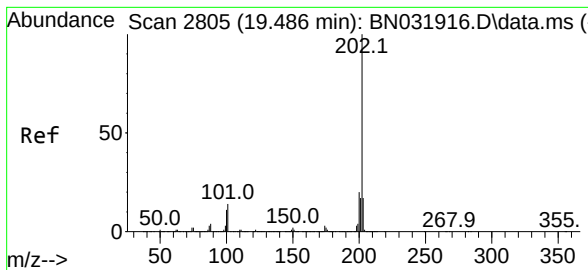


#80
 Fluoranthene
 Concen: 76.439 ng/ul
 RT: 19.122 min Scan# 2743
 Delta R.T. 0.006 min
 Lab File: BN031922.D
 Acq: 11 Jun 2024 22:56

Tgt Ion:202 Resp: 7852872

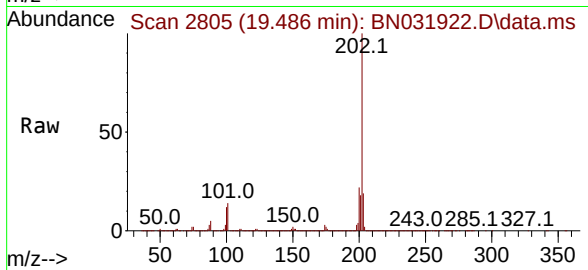
Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.3	15.5
100	9.5	8.0	12.0





#82
 Pyrene
 Concen: 58.509 ng/ul
 RT: 19.486 min Scan# 2805
 Delta R.T. 0.000 min
 Lab File: BN031922.D
 Acq: 11 Jun 2024 22:56

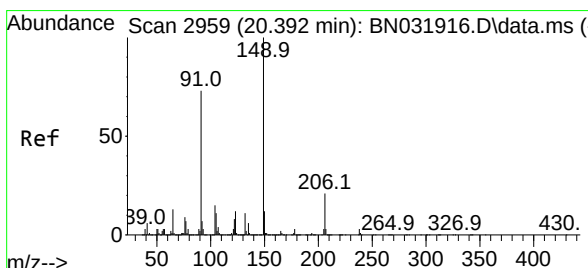
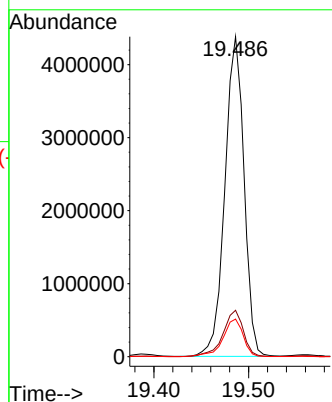
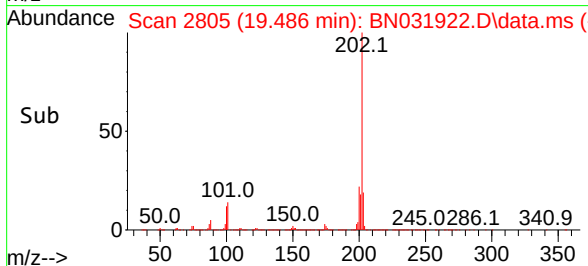
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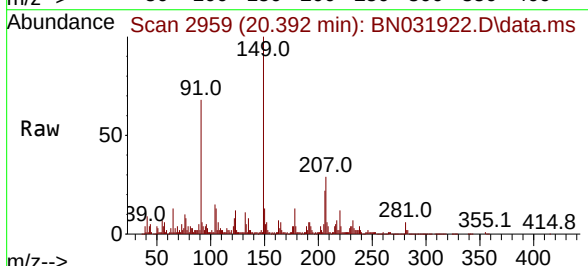
Tgt Ion:202 Resp: 6167100
 Ion Ratio Lower Upper
 202 100
 101 14.5 12.6 18.8
 100 11.8 10.2 15.2

Manual Integrations
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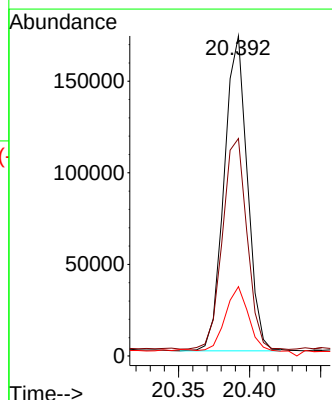
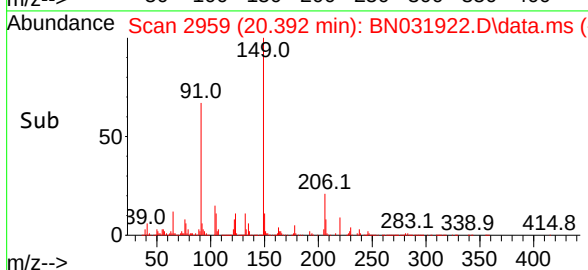
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

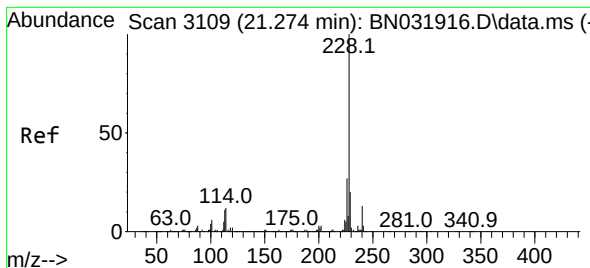


#83
 Butylbenzylphthalate
 Concen: 3.925 ng/ul
 RT: 20.392 min Scan# 2959
 Delta R.T. 0.000 min
 Lab File: BN031922.D
 Acq: 11 Jun 2024 22:56



Tgt Ion:149 Resp: 195407
 Ion Ratio Lower Upper
 149 100
 91 68.0 61.0 91.4
 206 21.7 16.5 24.7





#85

Benzo(a)anthracene

Concen: 31.019 ng/ul

RT: 21.274 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN031922.D

Acq: 11 Jun 2024 22:56

Instrument :

BNA_N

ClientSampleId :

BHC29

Tgt Ion:228 Resp: 333526

Ion Ratio Lower Upper

228 100

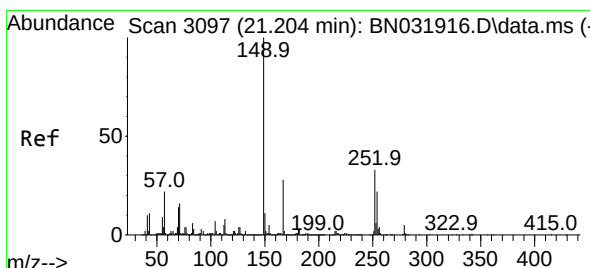
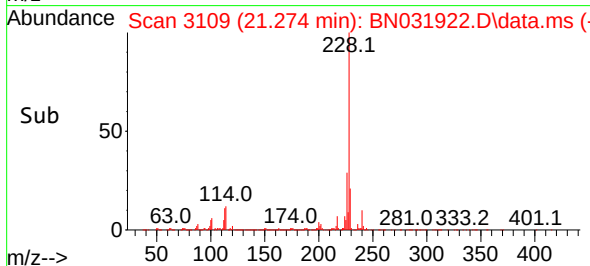
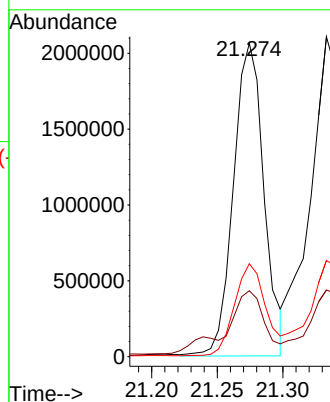
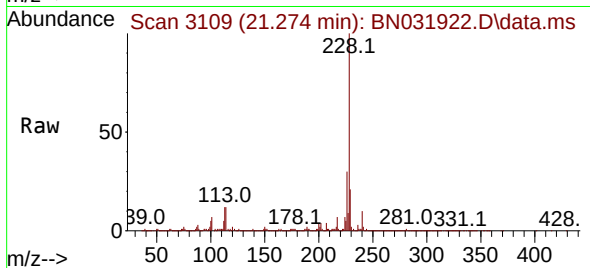
229 21.0 16.7 25.1

226 29.7 22.8 34.2

Manual Integrations

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Supervised By :mohammad ahmed 06/14/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 10.046 ng/ul

RT: 21.198 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BN031922.D

Acq: 11 Jun 2024 22:56

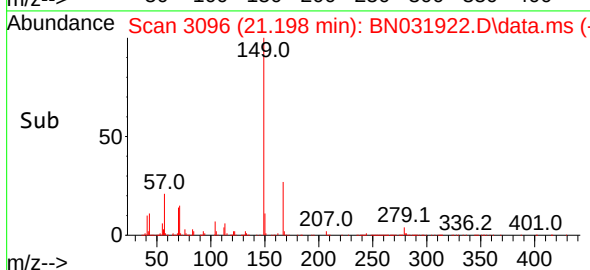
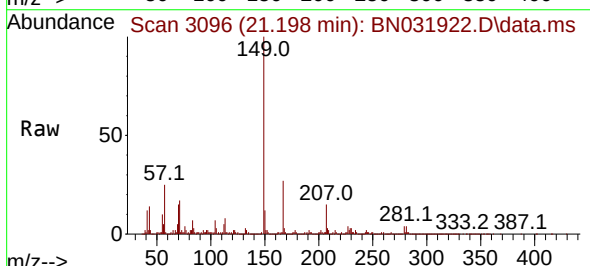
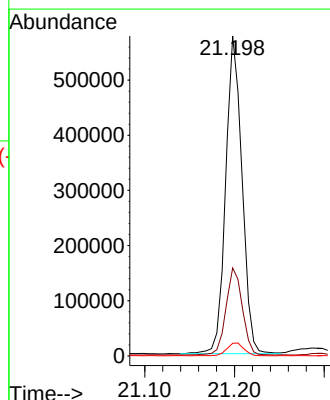
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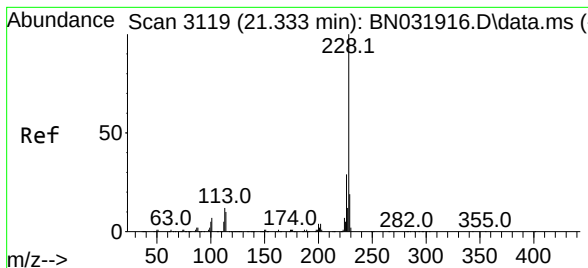
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.0 3.3 4.9





#87

Chrysene

Concen: 35.353 ng/u1

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031922.D

Acq: 11 Jun 2024 22:56

Instrument :

BNA_N

ClientSampleId :

BHC29

Tgt Ion:228 Resp: 355063

Ion Ratio Lower Upper

228 100

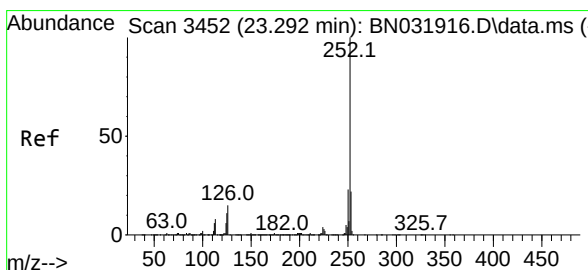
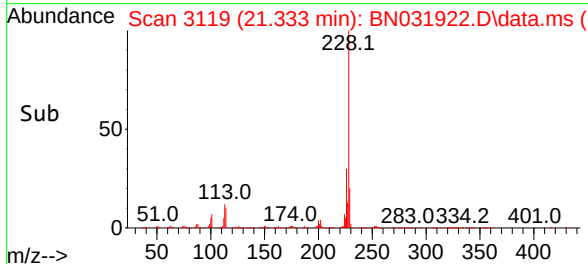
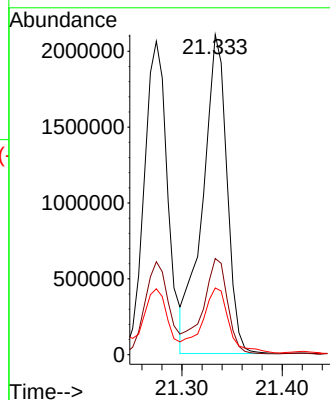
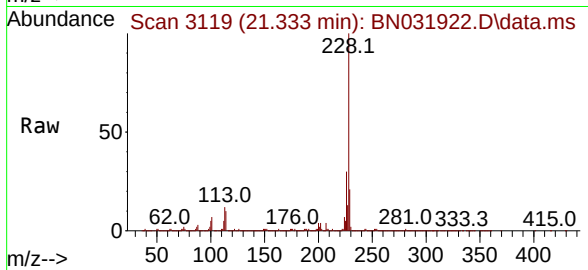
226 30.0 23.7 35.5

229 20.9 15.1 22.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024



#90

Benzo(b)fluoranthene

Concen: 44.616 ng/u1

RT: 23.304 min Scan# 3454

Delta R.T. 0.012 min

Lab File: BN031922.D

Acq: 11 Jun 2024 22:56

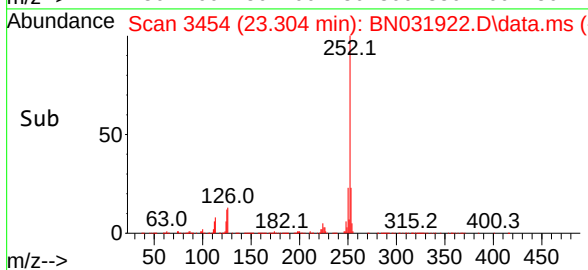
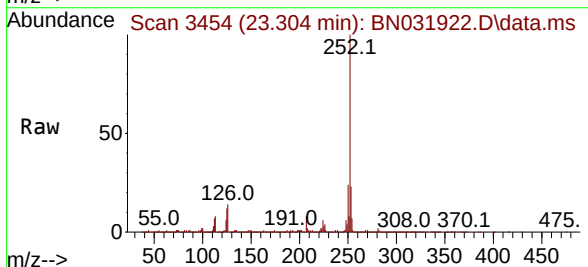
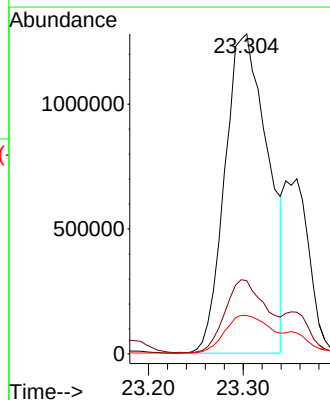
Tgt Ion:252 Resp: 4043838

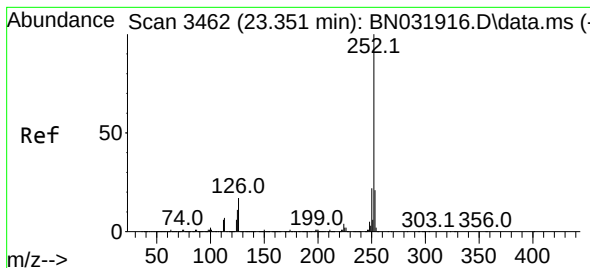
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

125 12.0 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 14.289 ng/ul m

RT: 23.357 min Scan# 3462

Delta R.T. 0.006 min

Lab File: BN031922.D

Acq: 11 Jun 2024 22:56

Instrument :

BNA_N

ClientSampleId :

BHC29

Tgt Ion:252 Resp: 127084

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

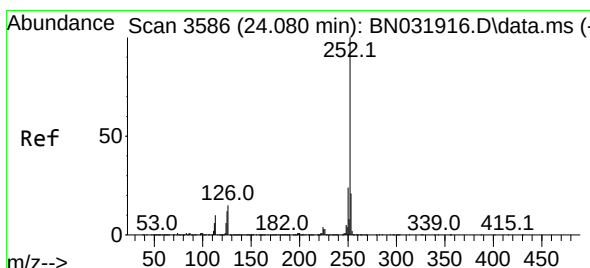
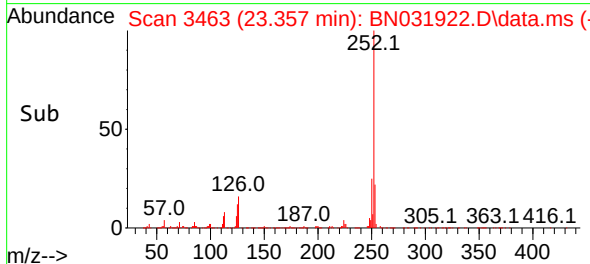
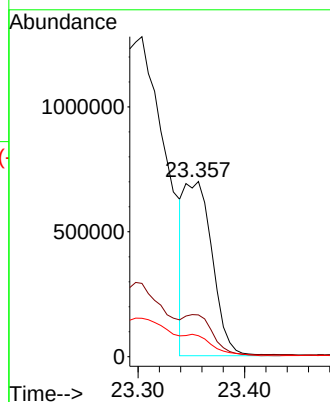
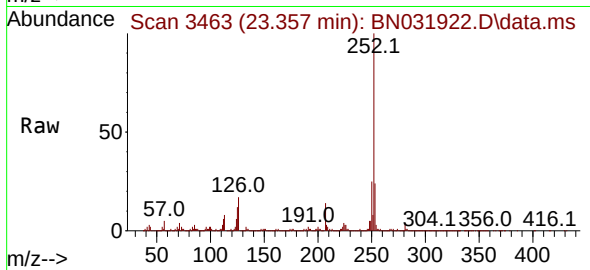
125 12.0 9.4 14.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/12/2024

Supervised By :mohammad ahmed 06/14/2024



#93

Benzo(a)pyrene

Concen: 19.592 ng/ul

RT: 24.080 min Scan# 3586

Delta R.T. 0.000 min

Lab File: BN031922.D

Acq: 11 Jun 2024 22:56

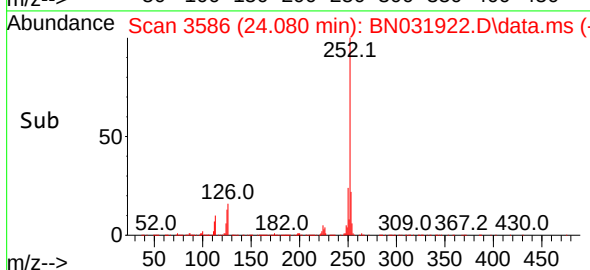
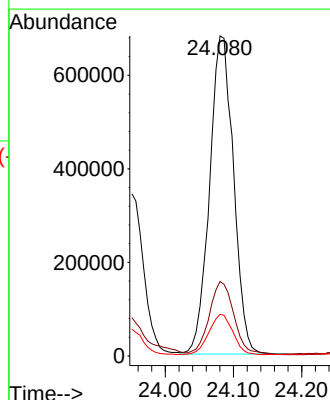
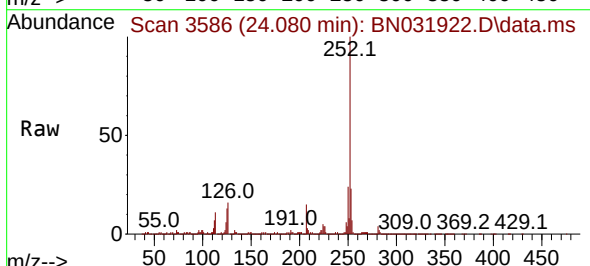
Tgt Ion:252 Resp: 1663140

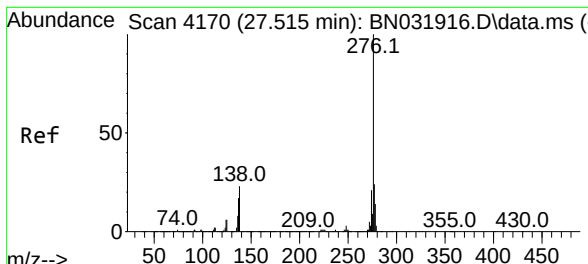
Ion Ratio Lower Upper

252 100

253 23.3 16.6 24.8

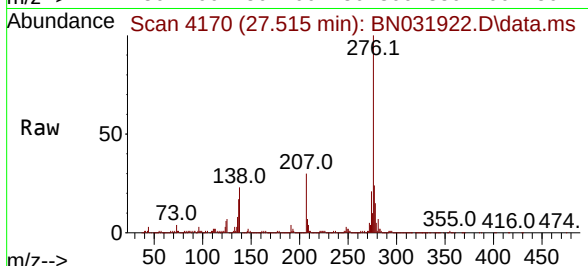
125 13.0 9.8 14.8





#94
Indeno(1,2,3-cd)pyrene
Concen: 14.516 ng/ul
RT: 27.515 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BN031922.D
Acq: 11 Jun 2024 22:56

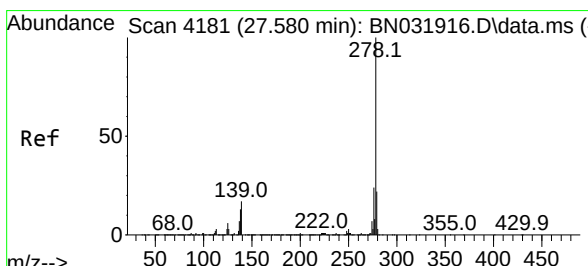
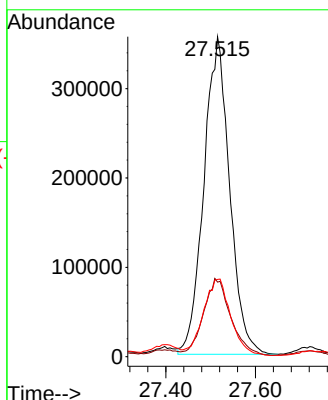
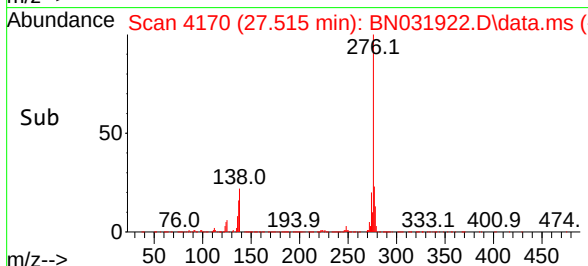
Instrument :
BNA_N
ClientSampleId :
BHC29



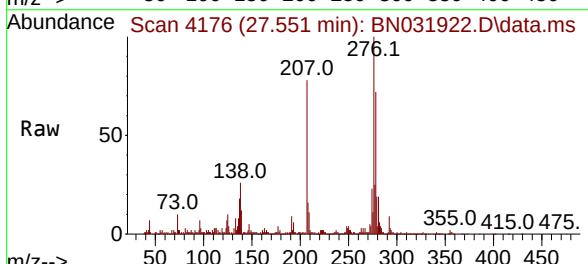
Tgt Ion:276 Resp: 141996
Ion Ratio Lower Upper
276 100
138 23.3 18.1 27.1
277 24.2 18.2 27.2

Manual Integrations
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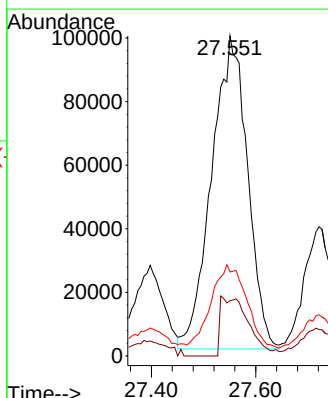
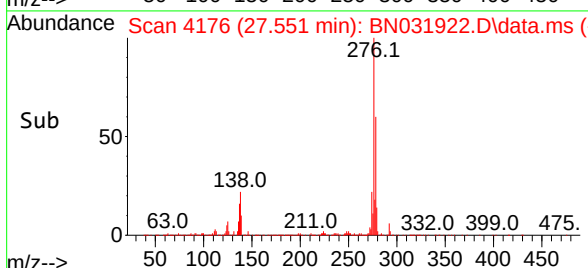
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

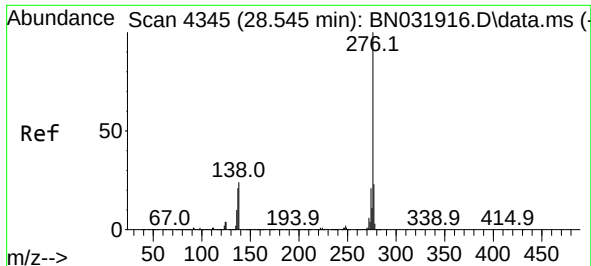


#95
Dibenzo(a,h)anthracene
Concen: 5.893 ng/ul m
RT: 27.551 min Scan# 4176
Delta R.T. -0.029 min
Lab File: BN031922.D
Acq: 11 Jun 2024 22:56



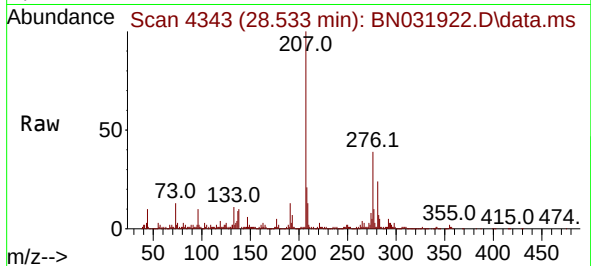
Tgt Ion:278 Resp: 470660
Ion Ratio Lower Upper
278 100
139 17.2 15.0 22.6
279 26.2 17.4 26.0#





#96
Benzo(g,h,i)perylene
Concen: 2.613 ng/ul m
RT: 28.533 min Scan# 4343
Delta R.T. -0.012 min
Lab File: BN031922.D
Acq: 11 Jun 2024 22:56

Instrument :
BNA_N
ClientSampleId :
BHC29



Tgt Ion:276 Resp: 203194
Ion Ratio Lower Upper
276 100
138 25.1 20.9 31.3
277 25.0 18.0 27.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

