

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031924.D
 Acq On : 12 Jun 2024 00:14
 Operator : MA/JU
 Sample : P2659-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC36

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 00:45:26 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	7.658	152	349111	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1568764	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	977085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1777240	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1231533	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1433283	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	45166	5.352	ng/uL	0.00
4) Pyridine-d5	3.587	84	344591	14.506	ng/u1	0.00
7) Phenol-d5	6.840	99	1014315	33.891	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	581499	33.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	824388	36.100	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	780082	31.975	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	434459	36.221	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	473989	38.254	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	817348	35.335	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	892140	25.976	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	2413723	35.460	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2763116	35.303	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	349952	25.677	ng/u1	0.00
60) Fluorene-d10	15.304	176	1983203	34.434	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	275796	30.873	ng/u1	0.00
73) Anthracene-d10	17.151	188	2668485	35.071	ng/u1	0.00
81) Pyrene-d10	19.451	212	2363947	35.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1811860	26.474	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.028	152	293608	3.319	ng/u1	99
61) Fluorene	15.357	166	69298	1.082	ng/u1#	99
72) Phenanthrene	17.092	178	1718393	18.980	ng/u1	100
74) Anthracene	17.186	178	310703	3.387	ng/u1	99
77) Carbazole	17.463	167	122797	1.570	ng/u1	99
80) Fluoranthene	19.122	202	3180348	40.381	ng/u1	96
82) Pyrene	19.486	202	2498340	30.917	ng/u1	95
83) Butylbenzylphthalate	20.386	149	46653	1.222	ng/u1	95
85) Benzo(a)anthracene	21.269	228	1429898	17.346	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	230011	4.134	ng/u1	100
87) Chrysene	21.333	228	1600527	20.787	ng/u1	98
90) Benzo(b)fluoranthene	23.292	252	2028841	23.682	ng/u1	99
91) Benzo(k)fluoranthene	23.351	252	688507m	8.190	ng/u1	
93) Benzo(a)pyrene	24.074	252	861659	10.739	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.504	276	795705	8.606	ng/u1	96
95) Dibenzo(a,h)anthracene	27.545	278	266511	3.531	ng/u1#	90
96) Benzo(g,h,i)perylene	28.527	276	117304m	1.596	ng/u1	

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

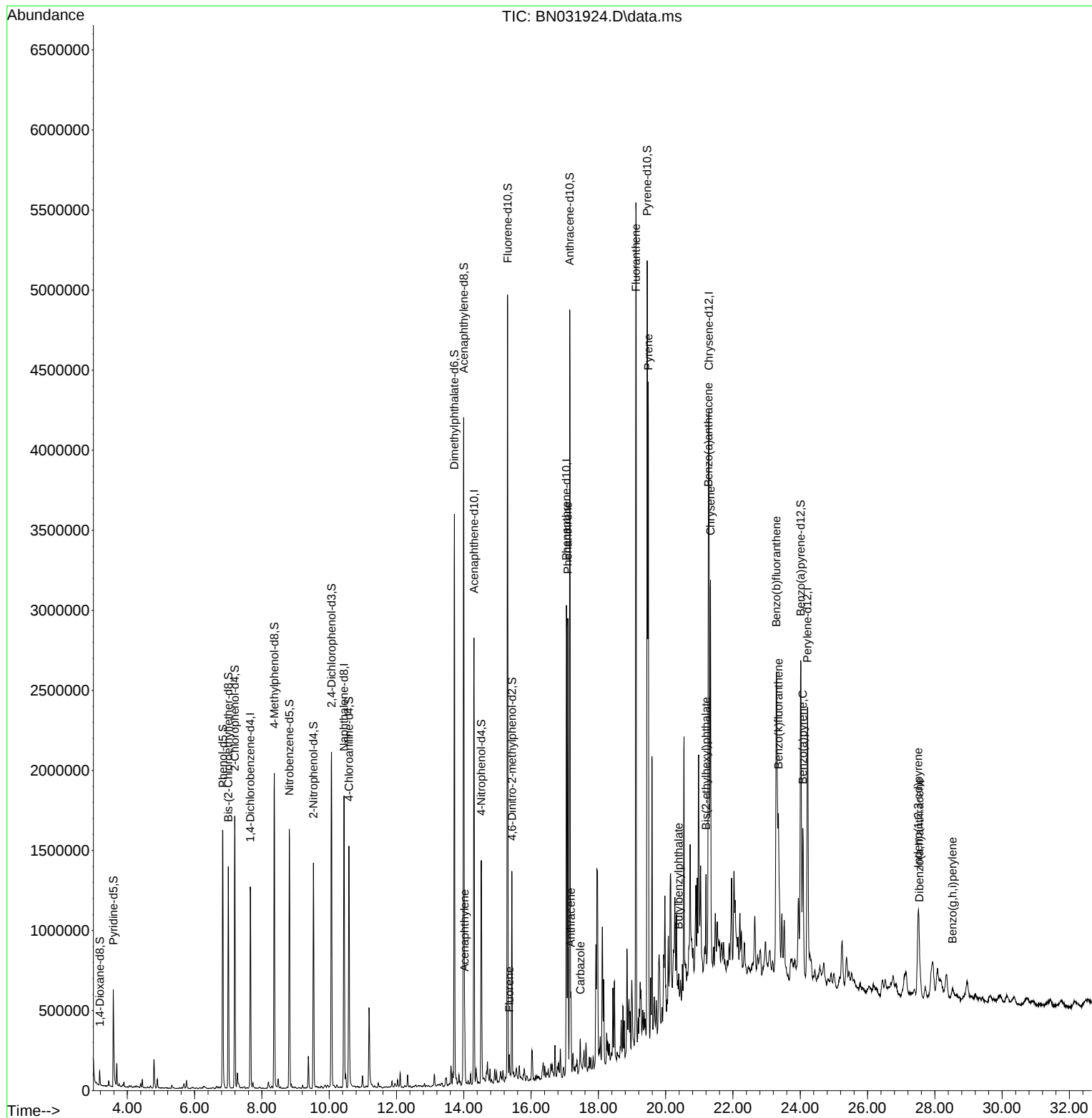
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031924.D
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

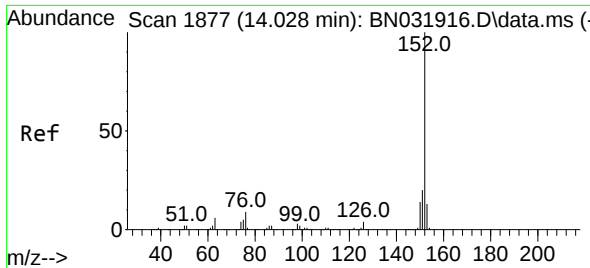
Instrument :
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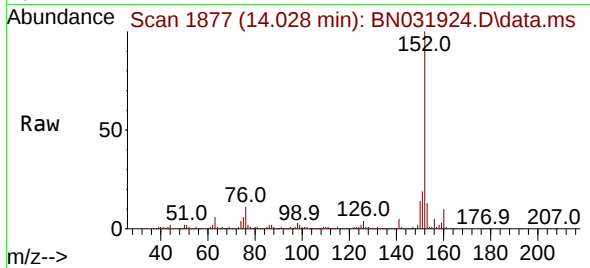
Quant Time: Jun 12 00:45:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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#50
Acenaphthylene
Concen: 3.319 ng/ul
RT: 14.028 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BN031924.D
Acq: 12 Jun 2024 00:14

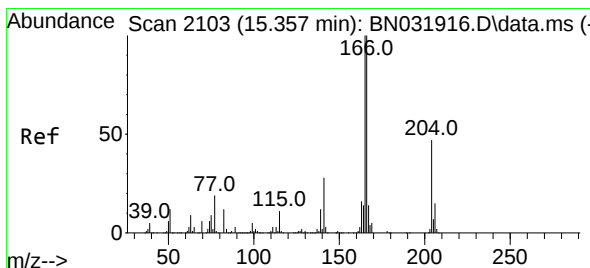
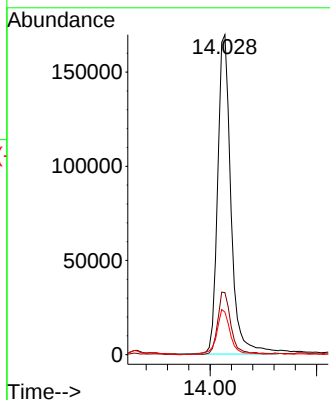
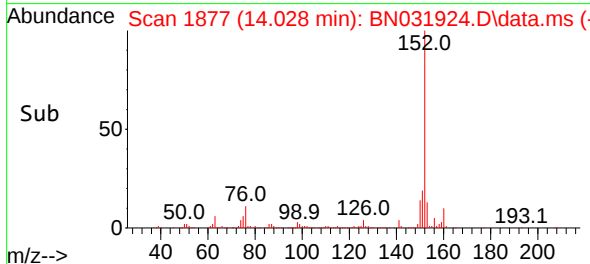
Instrument :
BNA_N
ClientSampleId :
BHC36



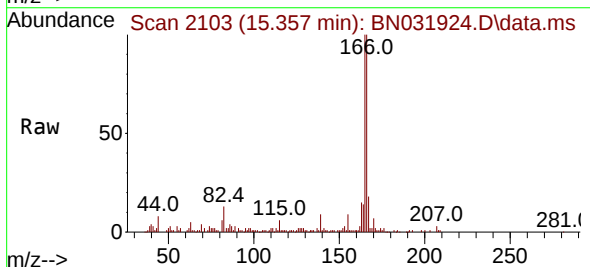
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Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.3 10.4 15.6

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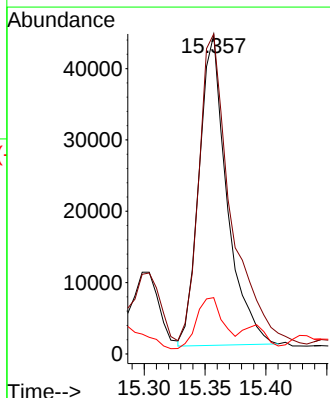
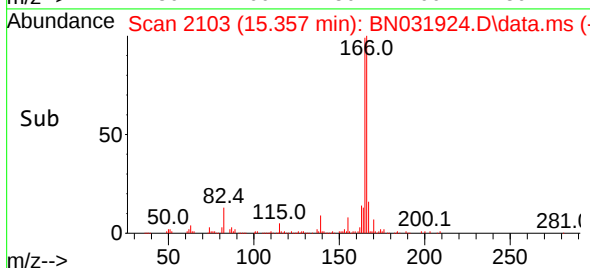
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

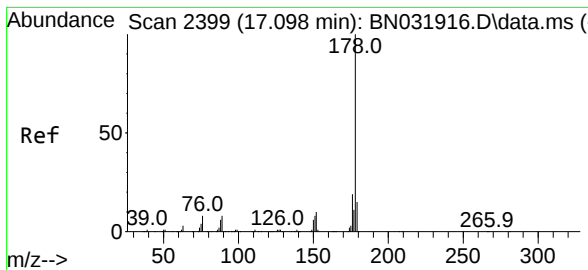


#61
Fluorene
Concen: 1.082 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN031924.D
Acq: 12 Jun 2024 00:14



Tgt Ion:166 Resp: 69298
Ion Ratio Lower Upper
166 100
165 100.2 80.3 120.5
167 17.6 11.3 16.9#





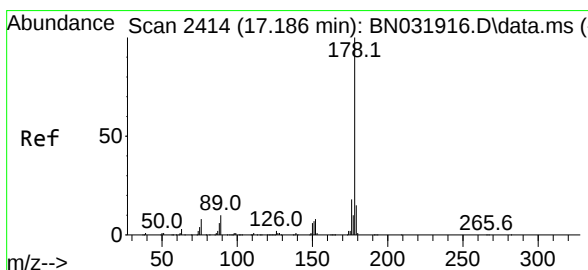
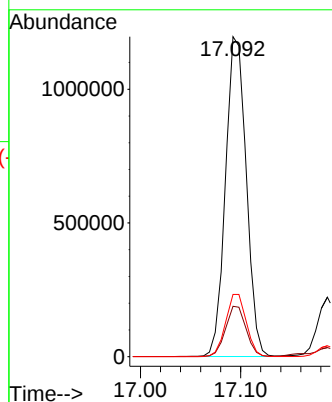
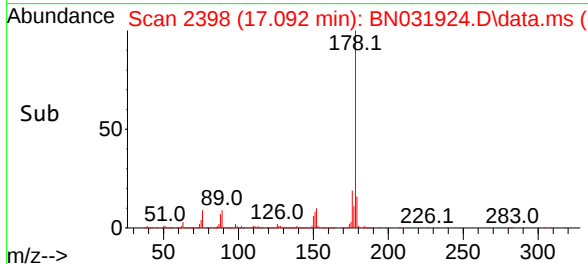
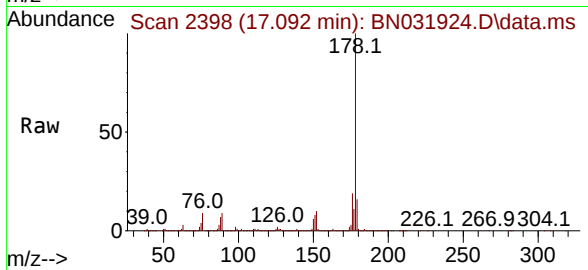
#72
Phenanthrene
Concen: 18.980 ng/ul
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN031924.D
Acq: 12 Jun 2024 00:14

Instrument :
BNA_N
ClientSampleId :
BHC36

Tgt Ion:178 Resp: 171839
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.8 23.6

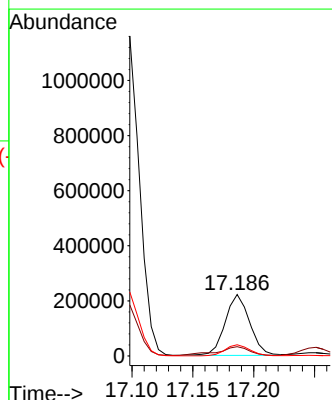
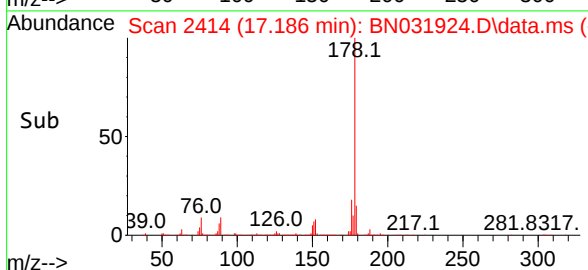
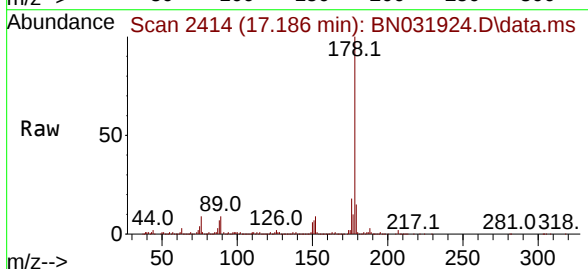
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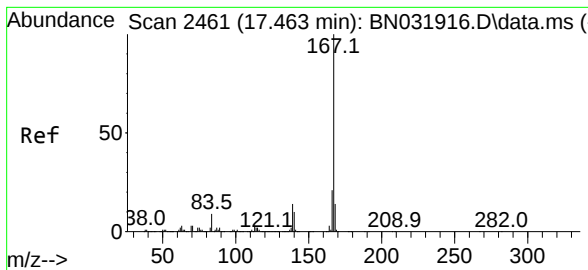
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024



#74
Anthracene
Concen: 3.387 ng/ul
RT: 17.186 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN031924.D
Acq: 12 Jun 2024 00:14

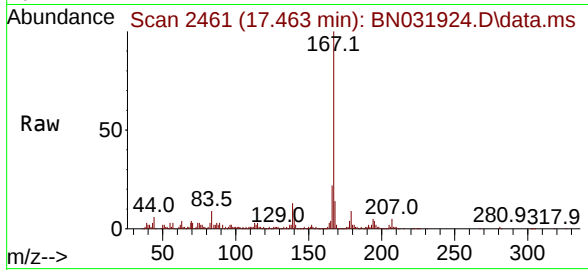
Tgt Ion:178 Resp: 310703
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.6
176 18.3 14.8 22.2





#77
 Carbazole
 Concen: 1.570 ng/ul
 RT: 17.463 min Scan# 2461
 Delta R.T. 0.000 min
 Lab File: BN031924.D
 Acq: 12 Jun 2024 00:14

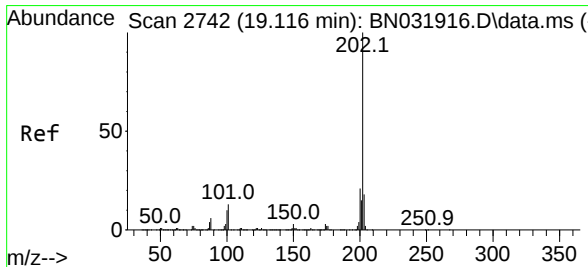
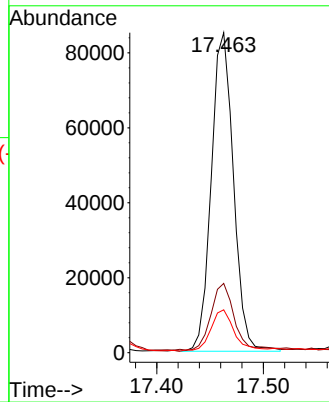
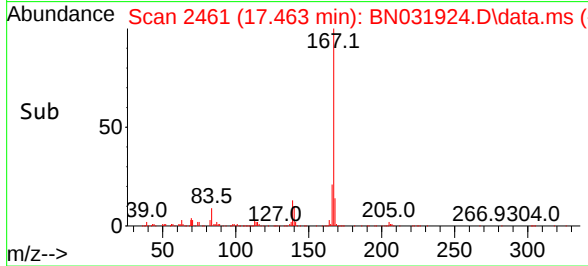
Instrument :
 BNA_N
 ClientSampleId :
 BHC36



Tgt Ion:167 Resp: 122791
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 13.4 10.5 15.7

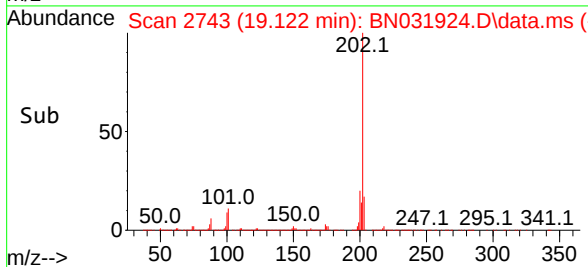
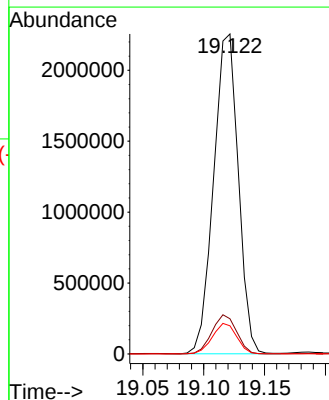
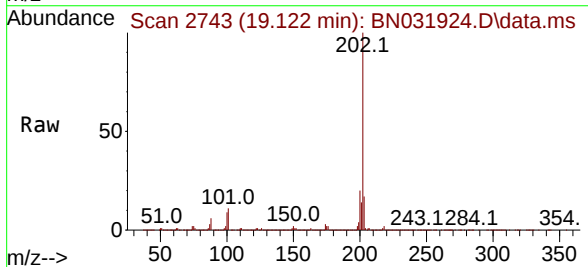
Manual Integrations
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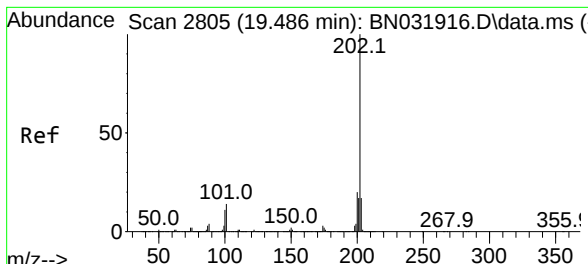
Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024



#80
 Fluoranthene
 Concen: 40.381 ng/ul
 RT: 19.122 min Scan# 2743
 Delta R.T. 0.006 min
 Lab File: BN031924.D
 Acq: 12 Jun 2024 00:14

Tgt Ion:202 Resp: 3180348
 Ion Ratio Lower Upper
 202 100
 101 11.0 10.3 15.5
 100 8.8 8.0 12.0





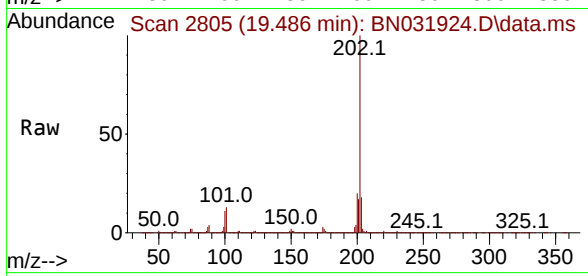
#82
 Pyrene
 Concen: 30.917 ng/ul
 RT: 19.486 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN031924.D
 Acq: 12 Jun 2024 00:14

Instrument :

BNA_N

ClientSampleId :

BHC36

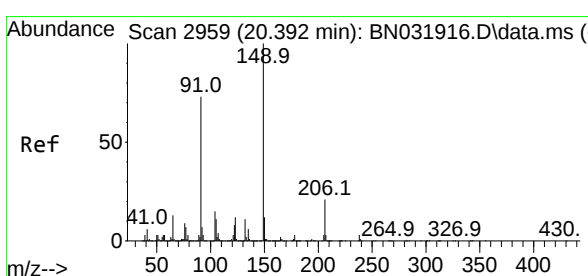
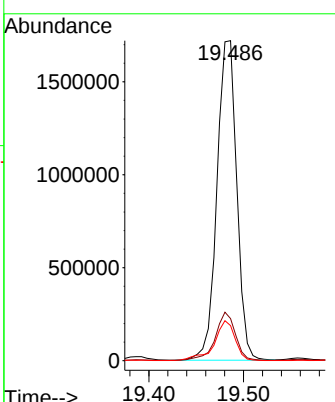
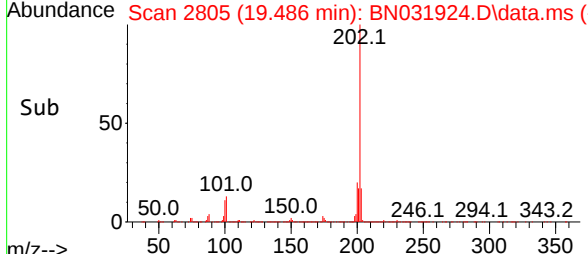


Tgt Ion: 202 Resp: 2498340

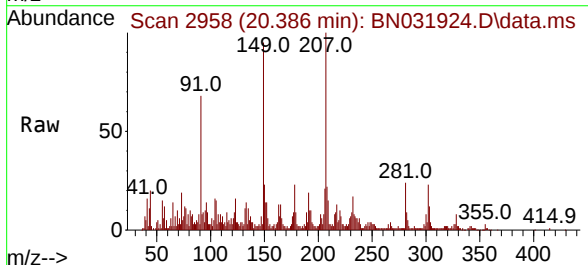
Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.6	18.8
100	10.9	10.2	15.2

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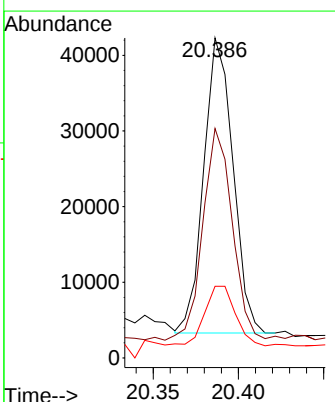
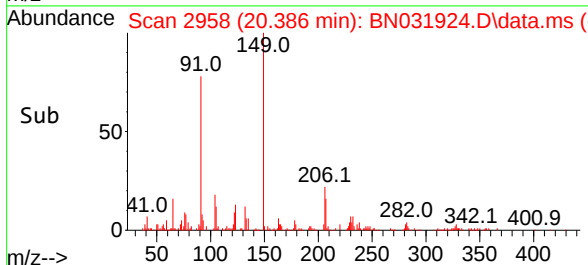


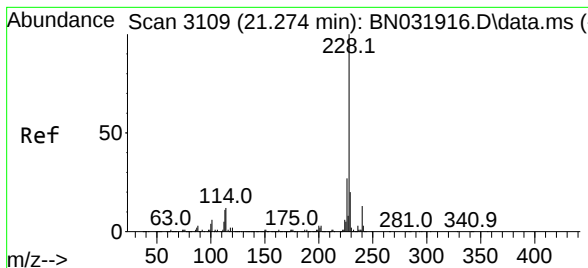
#83
 Butylbenzylphthalate
 Concen: 1.222 ng/ul
 RT: 20.386 min Scan# 2958
 Delta R.T. -0.006 min
 Lab File: BN031924.D
 Acq: 12 Jun 2024 00:14



Tgt Ion: 149 Resp: 46653

Ion	Ratio	Lower	Upper
149	100		
91	71.7	61.0	91.4
206	22.4	16.5	24.7





#85

Benzo(a)anthracene

Concen: 17.346 ng/ul

RT: 21.269 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BN031924.D

Acq: 12 Jun 2024 00:14

Instrument :

BNA_N

ClientSampleId :

BHC36

Tgt Ion:228 Resp: 1429898

Ion Ratio Lower Upper

228 100

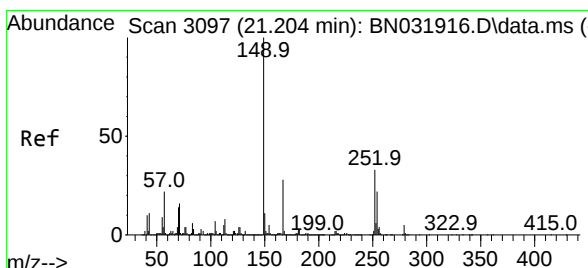
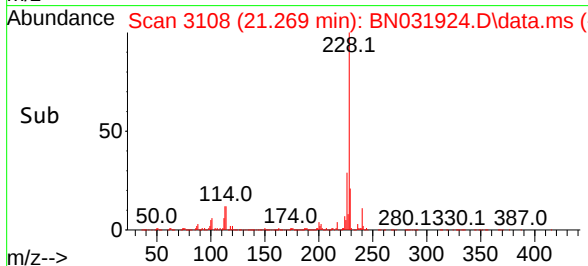
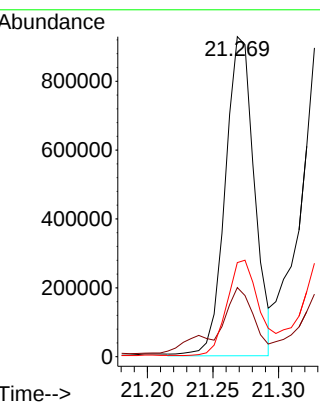
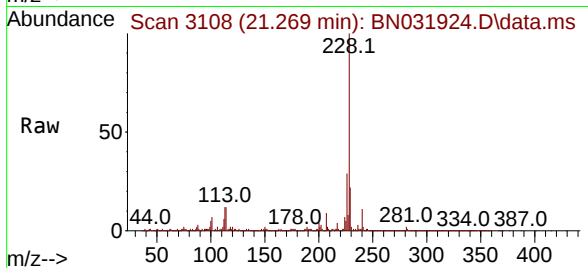
229 21.6 16.7 25.1

226 29.4 22.8 34.2

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#86

Bis(2-ethylhexyl)phthalate

Concen: 4.134 ng/ul

RT: 21.198 min Scan# 3096

Delta R.T. -0.006 min

Lab File: BN031924.D

Acq: 12 Jun 2024 00:14

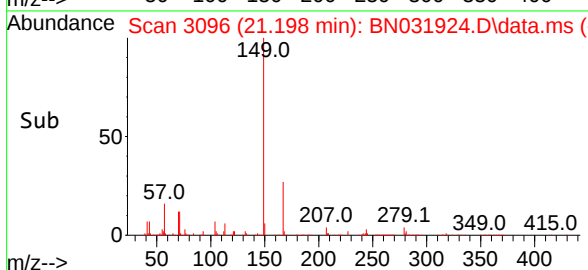
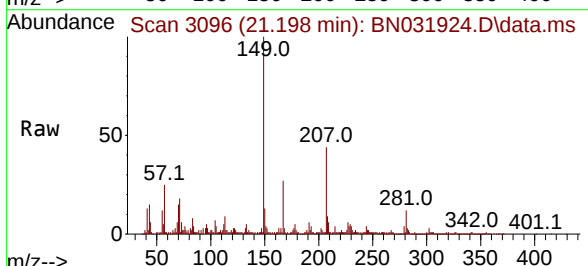
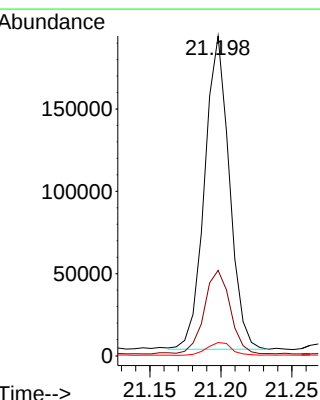
Tgt Ion:149 Resp: 230011

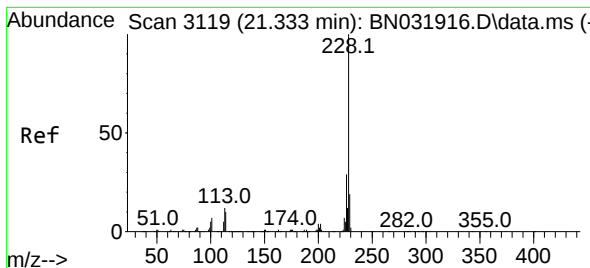
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.2 3.3 4.9





#87

Chrysene

Concen: 20.787 ng/u1

RT: 21.333 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN031924.D

Acq: 12 Jun 2024 00:14

Instrument :

BNA_N

ClientSampleId :

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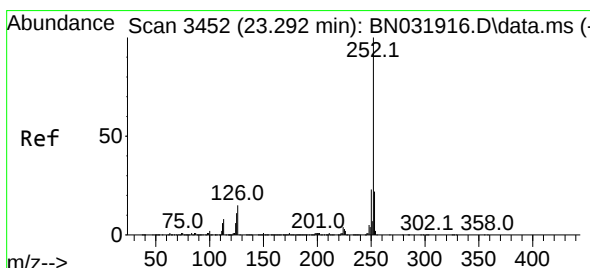
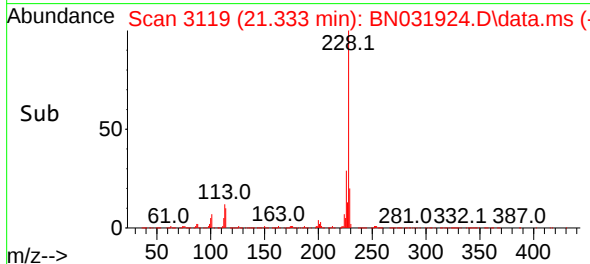
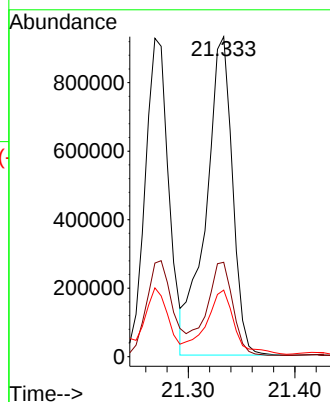
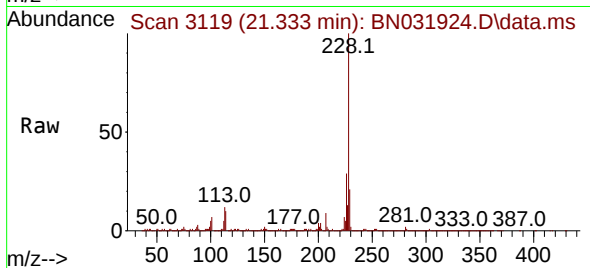
Tgt Ion:228 Resp: 160052

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	20.8	15.1	22.7

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#90

Benzo(b)fluoranthene

Concen: 23.682 ng/u1

RT: 23.292 min Scan# 3452

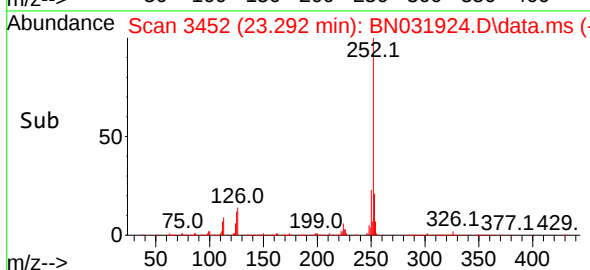
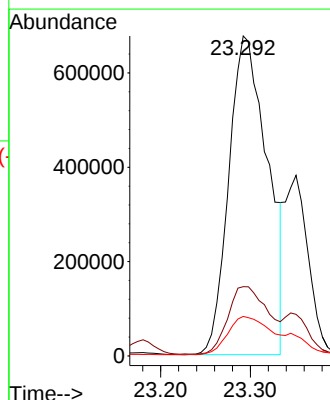
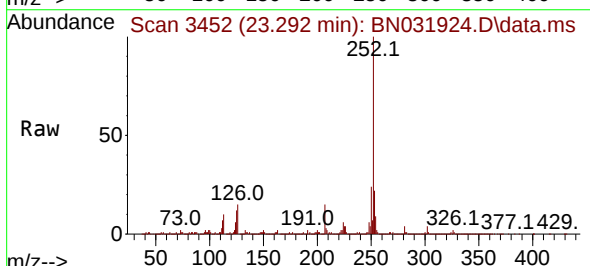
Delta R.T. 0.000 min

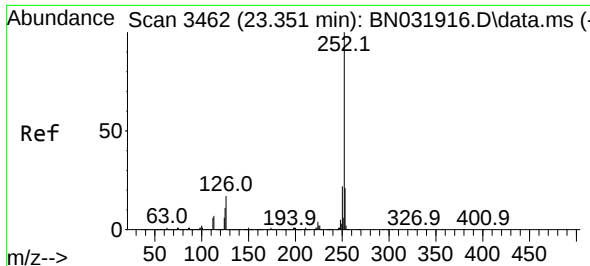
Lab File: BN031924.D

Acq: 12 Jun 2024 00:14

Tgt Ion:252 Resp: 2028841

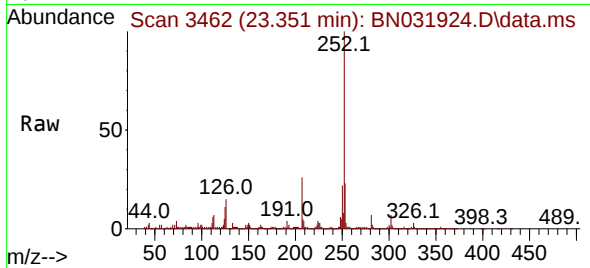
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.3	9.2	13.8





#91
Benzo(k)fluoranthene
Concen: 8.190 ng/ul m
RT: 23.351 min Scan# 3462
Delta R.T. 0.000 min
Lab File: BN031924.D
Acq: 12 Jun 2024 00:14

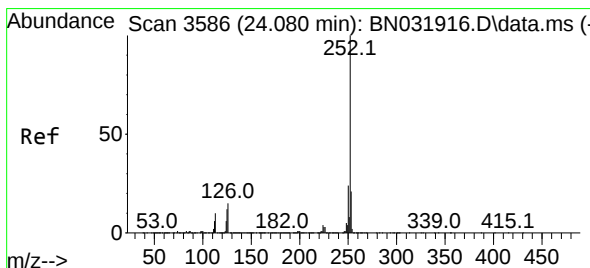
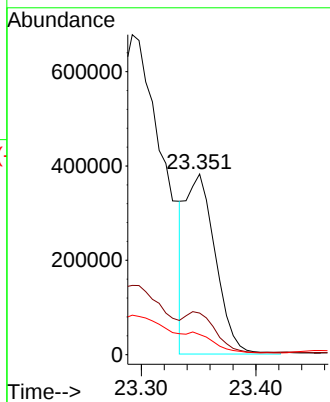
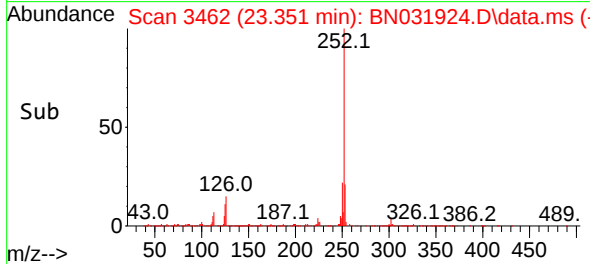
Instrument :
BNA_N
ClientSampleId :
BHC36



Tgt Ion:252 Resp: 68850
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 11.2 9.4 14.2

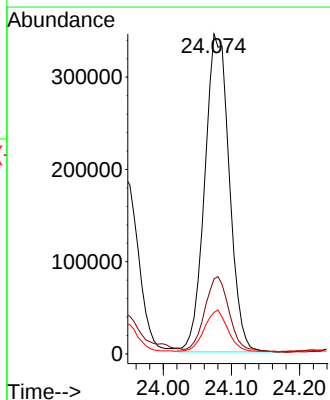
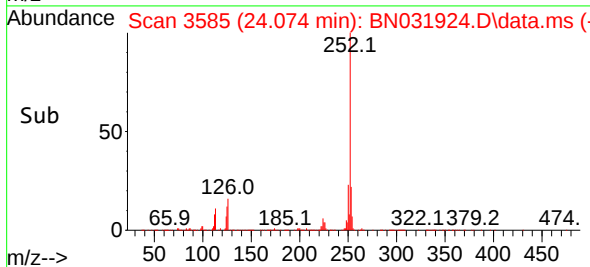
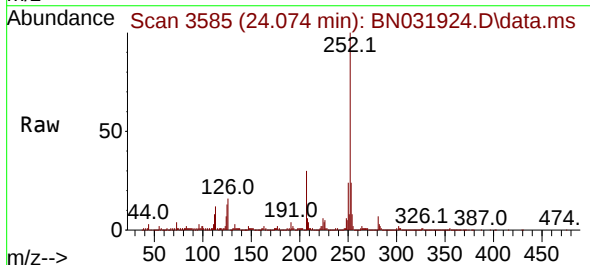
Manual Integrations
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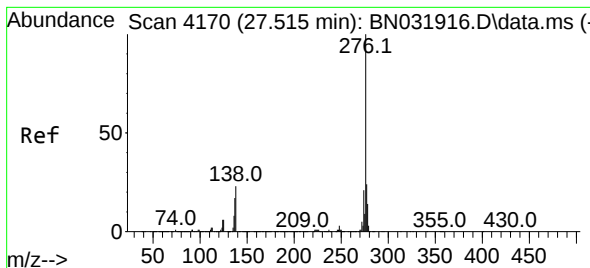
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024



#93
Benzo(a)pyrene
Concen: 10.739 ng/ul
RT: 24.074 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN031924.D
Acq: 12 Jun 2024 00:14

Tgt Ion:252 Resp: 861659
Ion Ratio Lower Upper
252 100
253 23.5 16.6 24.8
125 13.0 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.606 ng/ul

RT: 27.504 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN031924.D

Acq: 12 Jun 2024 00:14

Instrument :

BNA_N

ClientSampleId :

BHC36

Tgt Ion:276 Resp: 79570

Ion Ratio Lower Upper

276 100

138 24.1 18.1 27.1

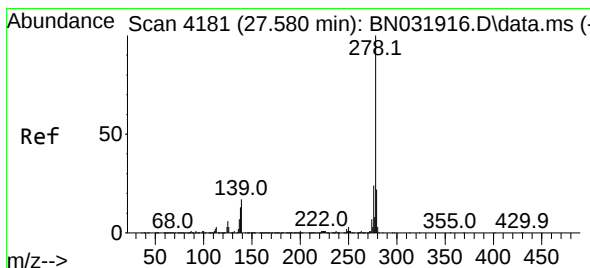
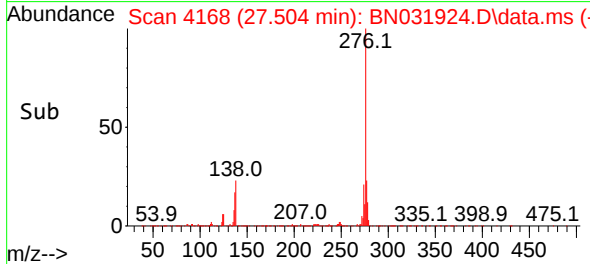
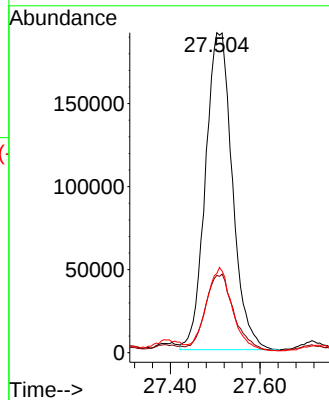
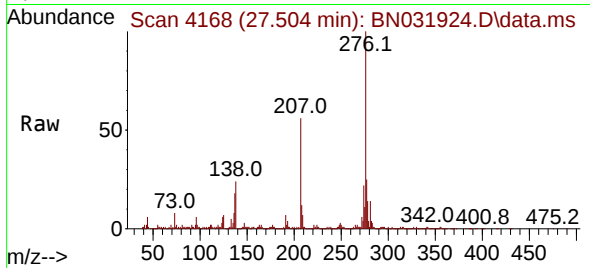
277 24.8 18.2 27.2

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: 3.531 ng/ul

RT: 27.545 min Scan# 4175

Delta R.T. -0.035 min

Lab File: BN031924.D

Acq: 12 Jun 2024 00:14

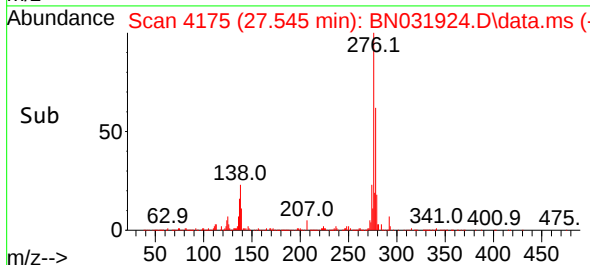
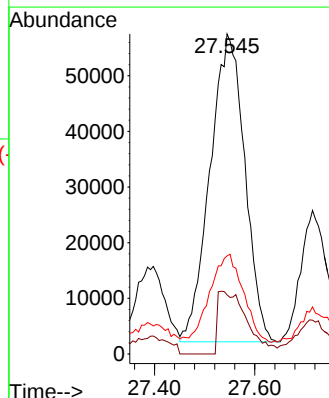
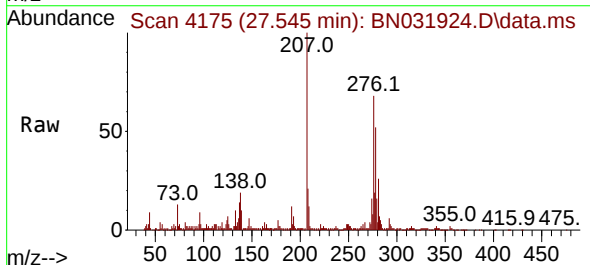
Tgt Ion:278 Resp: 266511

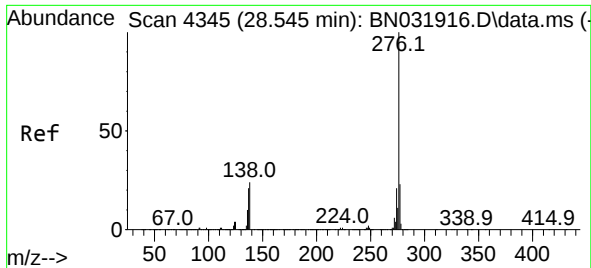
Ion Ratio Lower Upper

278 100

139 18.5 15.0 22.6

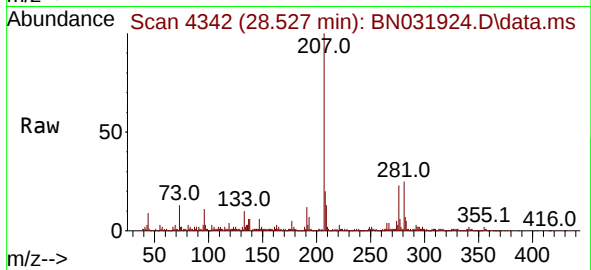
279 30.6 17.4 26.0#





#96
 Benzo(g,h,i)perylene
 Concen: 1.596 ng/ul m
 RT: 28.527 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BN031924.D
 Acq: 12 Jun 2024 00:14

Instrument :
 BNA_N
 ClientSampleId :
 BHC36



Tgt Ion:276 Resp: 117304
 Ion Ratio Lower Upper
 276 100
 138 28.1 20.9 31.3
 277 26.3 18.0 27.0

Manual Integrations
 APPROVED

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

