

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030219.D
 Acq On : 03 Mar 2024 15:10
 Operator : MA/JU
 Sample : P1512-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0SB7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 03 22:53:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	1852	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	4759	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.474	164	2281	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	4675	0.400	ng/ul	-0.02
17) Chrysene-d12	21.441	240	4633	0.400	ng/ul	#-0.01
23) Perylene-d12	23.791	264	4759m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	12271	4.786	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1710	0.278	ng/ul	-0.02
18) Fluoranthene-d10	19.267	212	3443	0.228	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.672	128	2911	0.207	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	691	0.091	ng/ul	99
8) 1-Methylnaphthalene	12.515	142	501	0.062	ng/ul	98
10) Acenaphthylene	14.197	152	897	0.070	ng/ul#	83
11) Acenaphthene	14.539	153	1428	0.153	ng/ul	96
12) Fluorene	15.529	166	1767	0.185	ng/ul	95
15) Phenanthrene	17.272	178	42665	2.723	ng/ul	97
16) Anthracene	17.365	178	5391	0.391	ng/ul	98
19) Fluoranthene	19.300	202	102601	4.986	ng/ul#	94
20) Pyrene	19.662	202	93562	4.182	ng/ul	94
21) Benzo(a)anthracene	21.427	228	33999	2.076	ng/ul	98
22) Chrysene	21.476	228	45199	2.298	ng/ul	100
24) Benzo(b)fluoranthene	23.081	252	64455m	3.512	ng/ul	
25) Benzo(k)fluoranthene	23.125	252	24316m	1.123	ng/ul	
26) Benzo(a)pyrene	23.689	252	43228	2.314	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.215	276	36563	1.533	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.239	278	7292	0.395	ng/ul	95
29) Benzo(g,h,i)perylene	26.960	276	39679	1.793	ng/ul	93

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

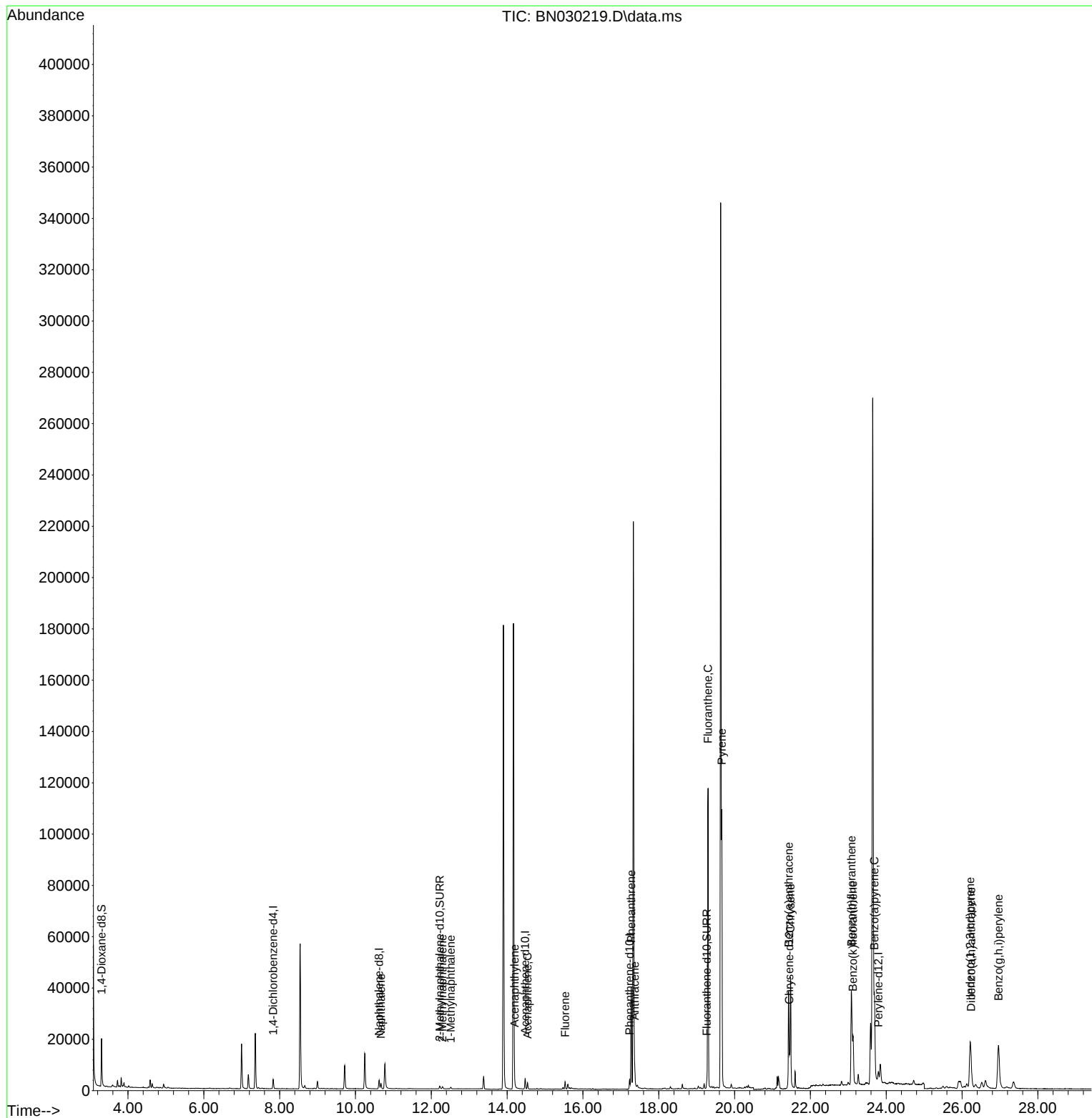
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030219.D
Acq On : 03 Mar 2024 15:10
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Sample : P1512-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

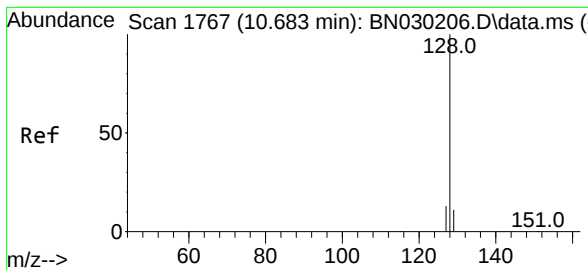
Instrument :
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Supervised By :mohammad ahmed 03/05/2024

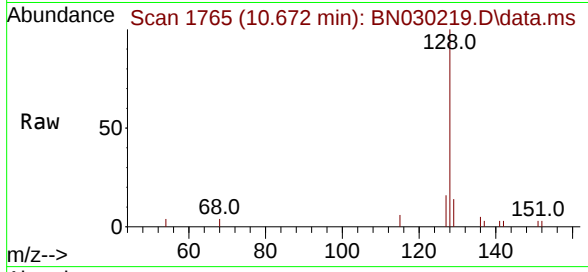
Quant Time: Mar 03 22:53:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.207 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.016 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

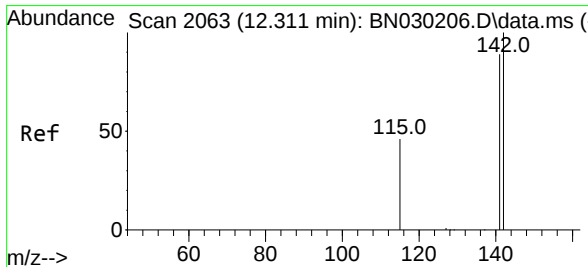
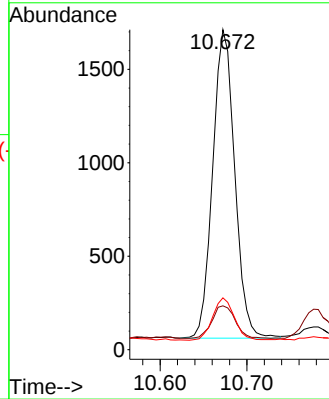
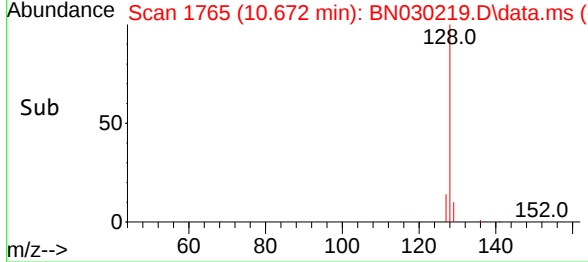
Instrument :
BNA_N
ClientSampleId :
E0SB7



Tgt Ion:128 Resp: 291
Ion Ratio Lower Upper
128 100
129 13.7 11.0 16.4
127 16.2 12.3 18.5

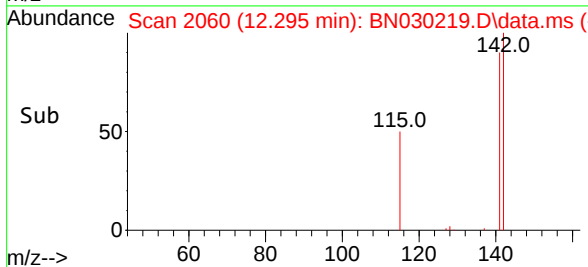
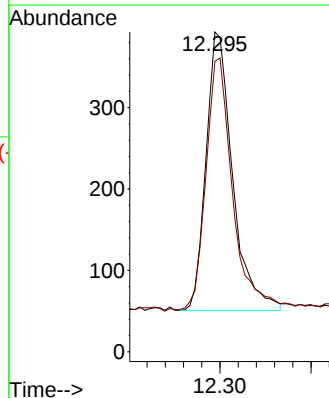
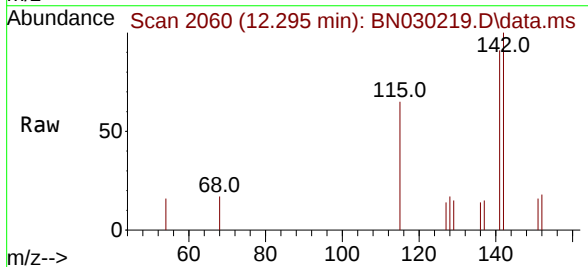
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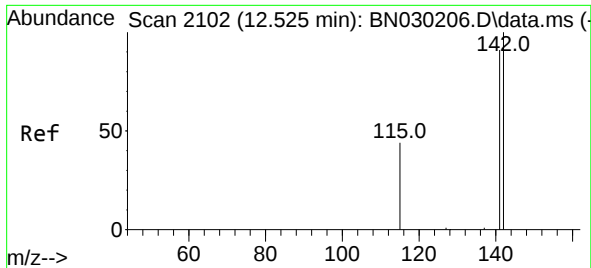
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. -0.016 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

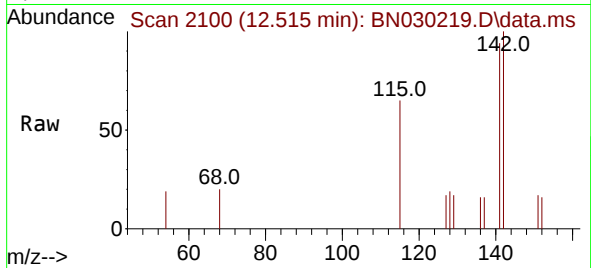
Tgt Ion:142 Resp: 691
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

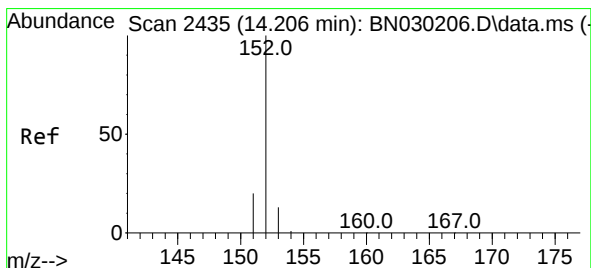
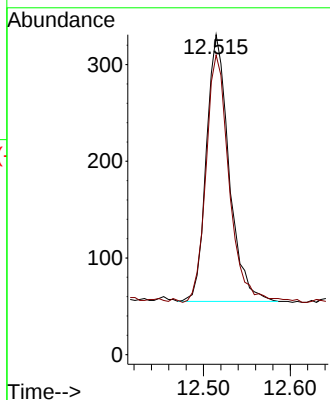
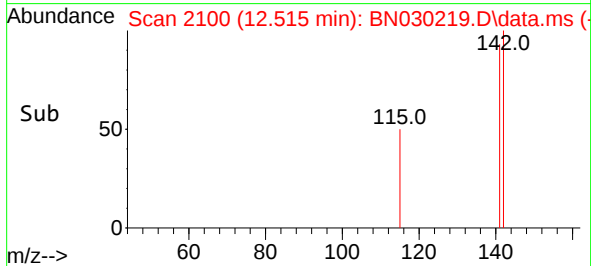
Instrument :
BNA_N
ClientSampleId :
E0SB7



Tgt Ion:142 Resp: 500
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.2

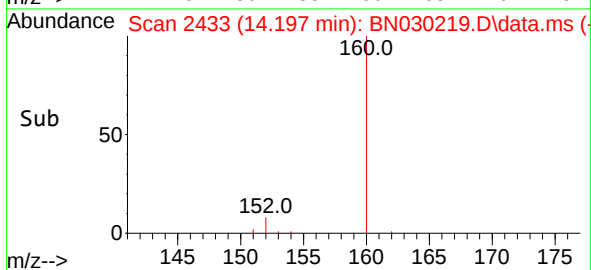
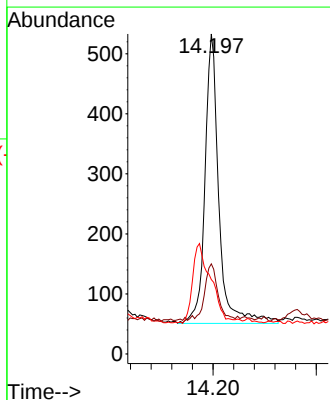
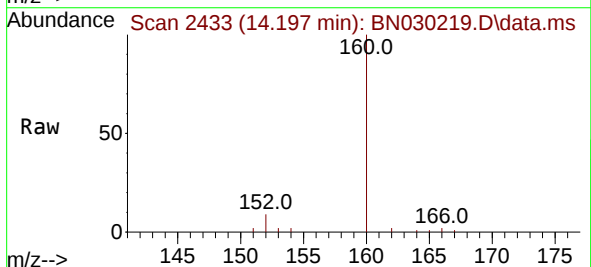
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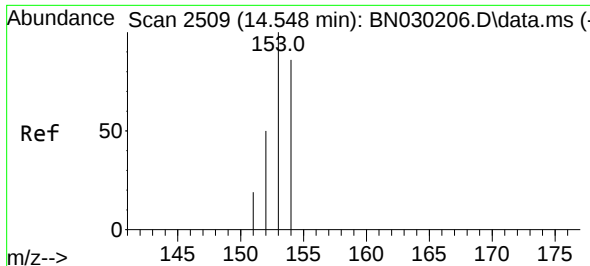
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#10
Acenaphthylene
Concen: 0.070 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. -0.010 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

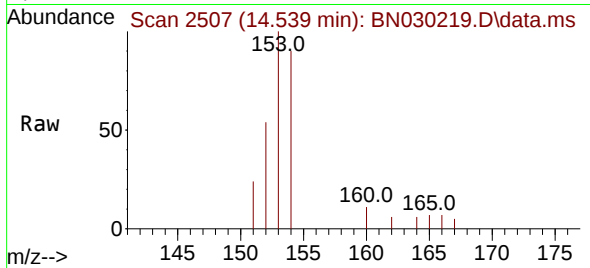
Tgt Ion:152 Resp: 897
Ion Ratio Lower Upper
152 100
151 28.1 16.9 25.3#
153 23.3 11.8 17.6#





#11
Acenaphthene
Concen: 0.153 ng/u1
RT: 14.539 min Scan# 2507
Delta R.T. -0.010 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

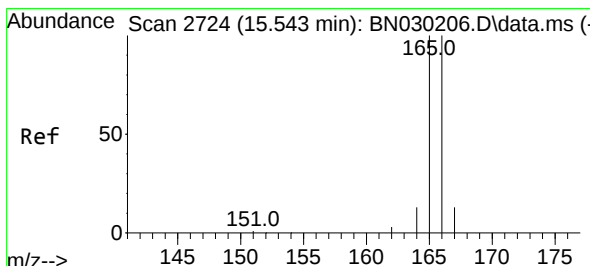
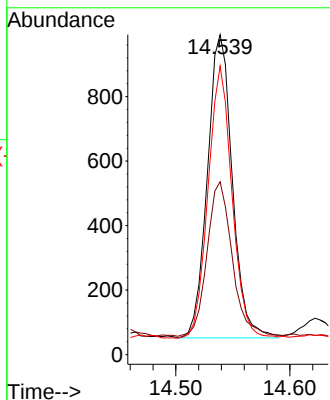
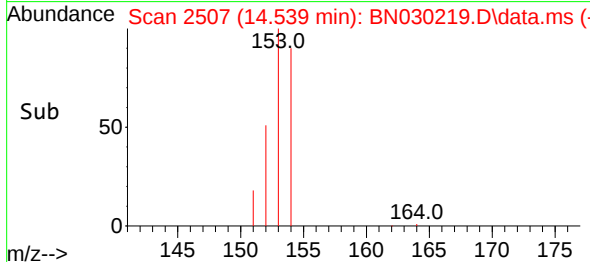
Instrument :
BNA_N
ClientSampleId :
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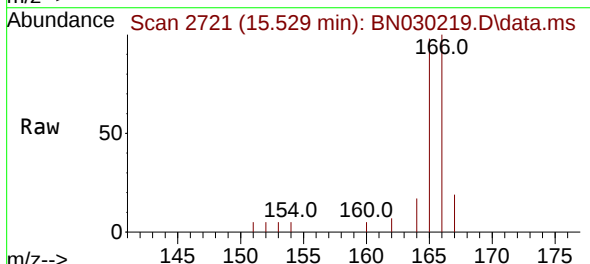
Tgt Ion:153 Resp: 1428
Ion Ratio Lower Upper
153 100
152 54.0 43.2 64.8
154 90.2 67.5 101.3

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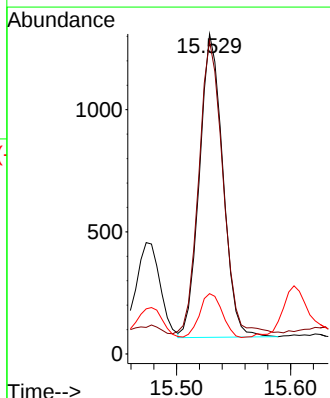
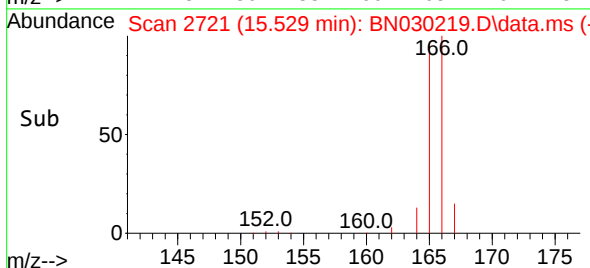
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

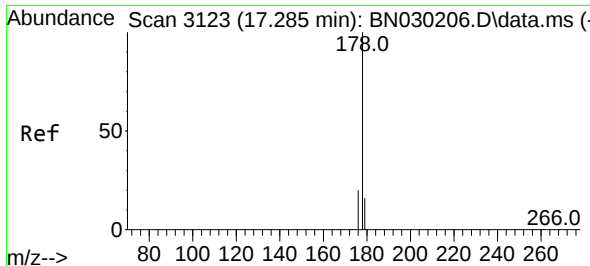


#12
Fluorene
Concen: 0.185 ng/u1
RT: 15.529 min Scan# 2721
Delta R.T. -0.019 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10



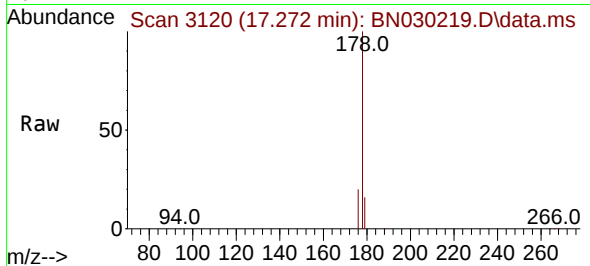
Tgt Ion:166 Resp: 1767
Ion Ratio Lower Upper
166 100
165 97.9 81.8 122.6
167 18.9 13.0 19.4





#15
Phenanthrene
Concen: 2.723 ng/u1
RT: 17.272 min Scan# 3120
Delta R.T. -0.018 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

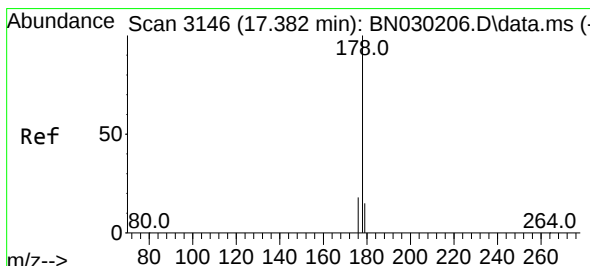
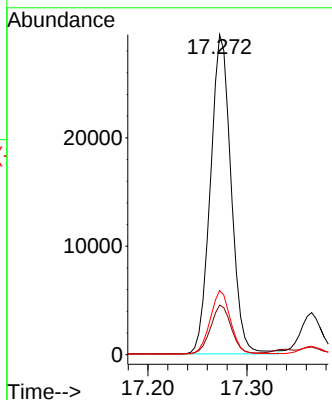
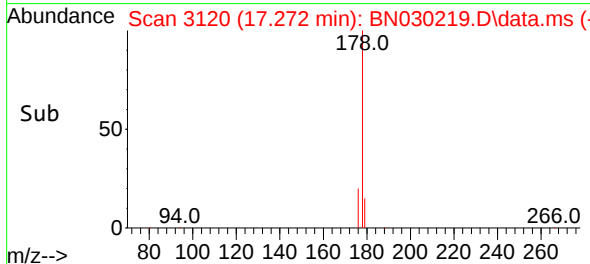
Instrument :
BNA_N
ClientSampleId :
E0SB7



Tgt Ion:178 Resp: 4266
Ion Ratio Lower Upper
178 100
179 15.5 13.8 20.8
176 20.0 16.6 25.0

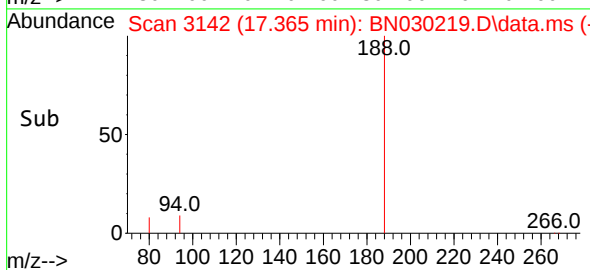
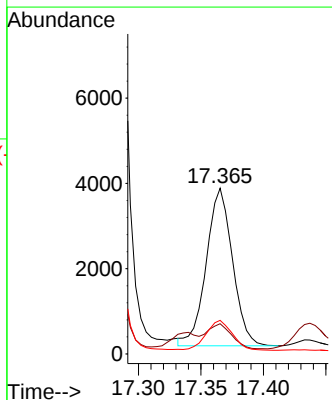
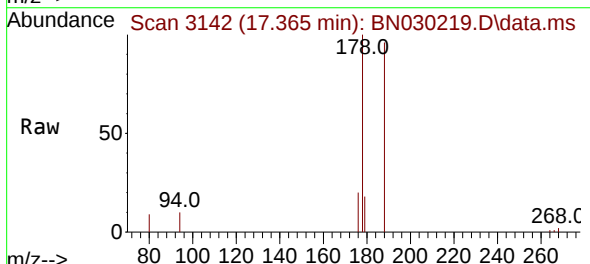
Manual Integrations
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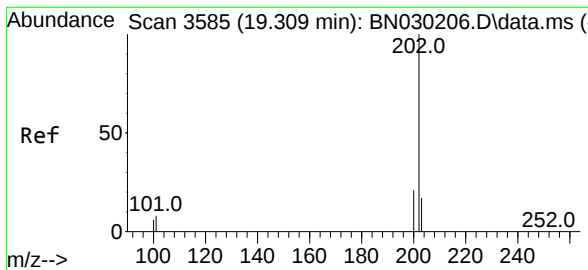
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#16
Anthracene
Concen: 0.391 ng/u1
RT: 17.365 min Scan# 3142
Delta R.T. -0.022 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

Tgt Ion:178 Resp: 5391
Ion Ratio Lower Upper
178 100
179 18.3 14.8 22.2
176 20.3 17.8 26.6





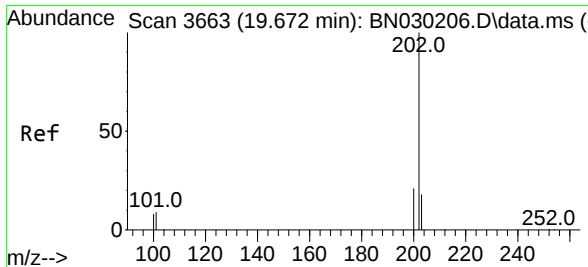
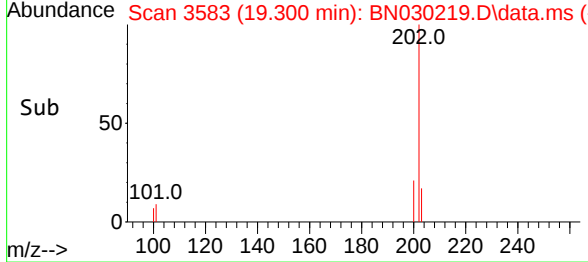
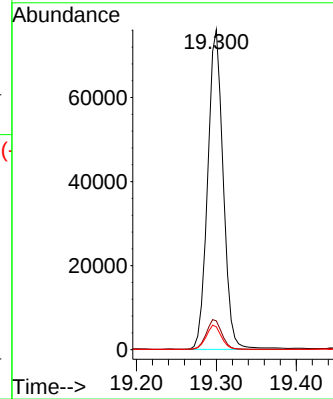
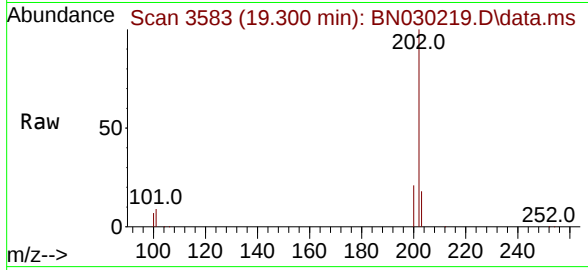
#19
Fluoranthene
Concen: 4.986 ng/u1
RT: 19.300 min Scan# 3585
Delta R.T. -0.015 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

Instrument :
BNA_N
ClientSampleId :
E0SB7

Tgt Ion:202 Resp: 102600
Ion Ratio Lower Upper
202 100
101 9.0 8.8 13.2
100 7.1 7.4 11.2

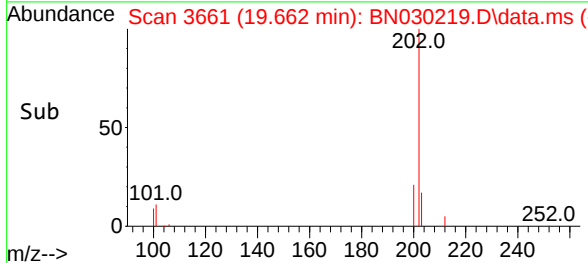
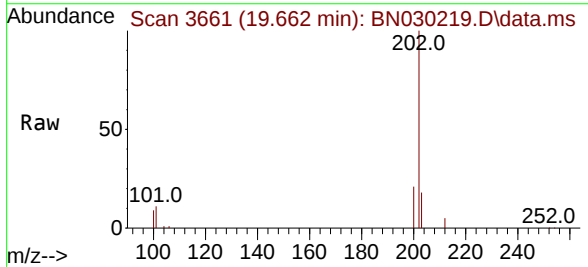
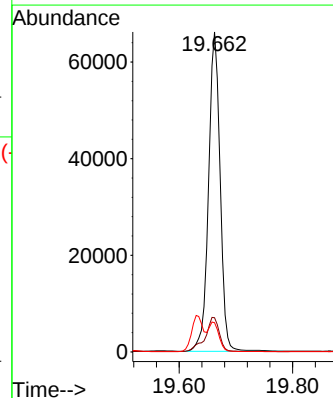
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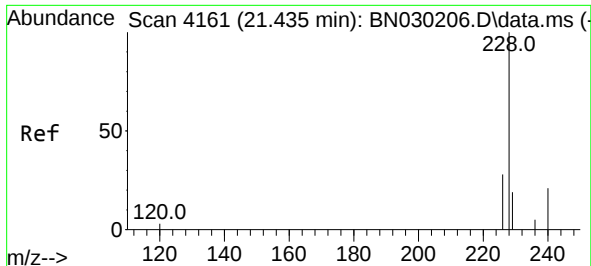
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#20
Pyrene
Concen: 4.182 ng/u1
RT: 19.662 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

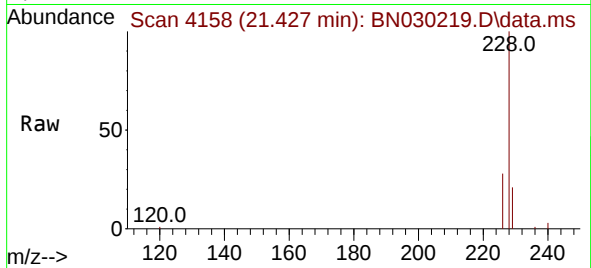
Tgt Ion:202 Resp: 93562
Ion Ratio Lower Upper
202 100
101 10.7 10.6 15.8
100 9.1 8.8 13.2





#21
Benzo(a)anthracene
Concen: 2.076 ng/u1
RT: 21.427 min Scan# 4158
Delta R.T. -0.012 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

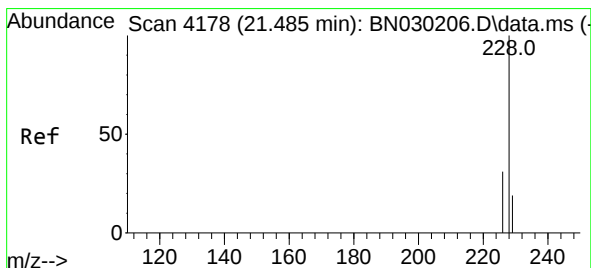
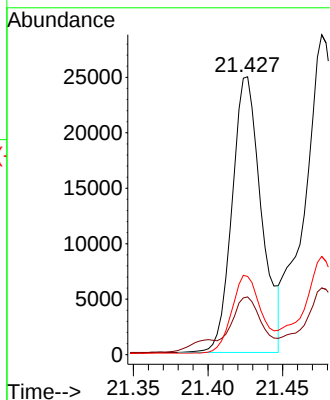
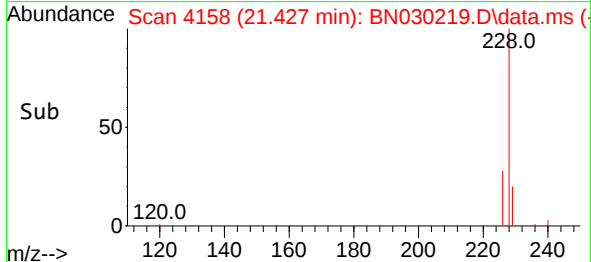
Instrument :
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E0SB7



Tgt Ion:228 Resp: 33999
Ion Ratio Lower Upper
228 100
229 20.8 16.6 24.8
226 28.2 23.7 35.5

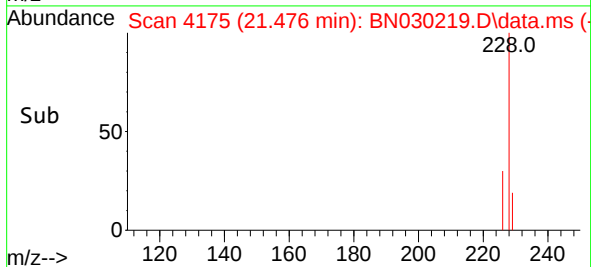
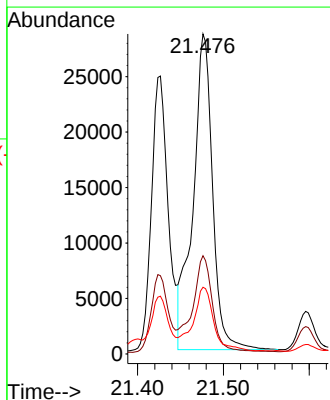
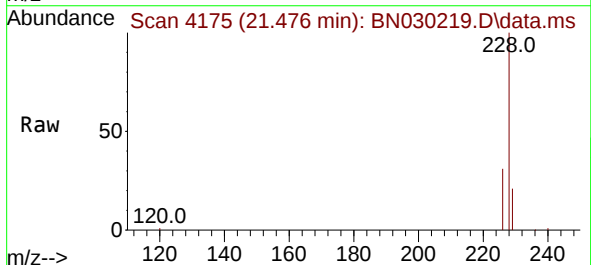
Manual Integrations
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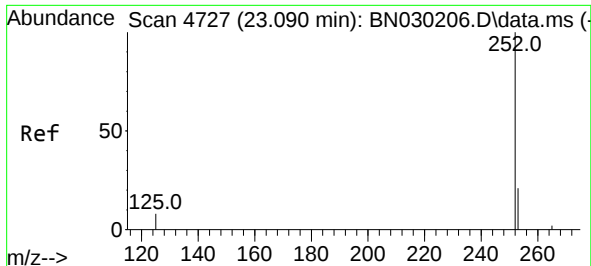
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#22
Chrysene
Concen: 2.298 ng/u1
RT: 21.476 min Scan# 4175
Delta R.T. -0.012 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

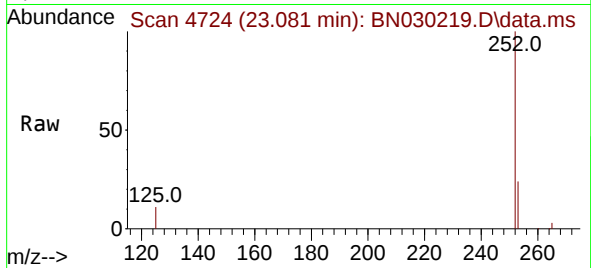
Tgt Ion:228 Resp: 45199
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.8 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 3.512 ng/ul m
RT: 23.081 min Scan# 4727
Delta R.T. -0.015 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

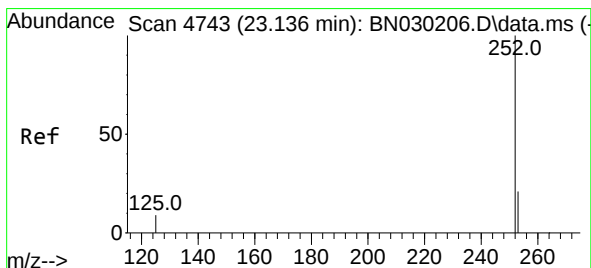
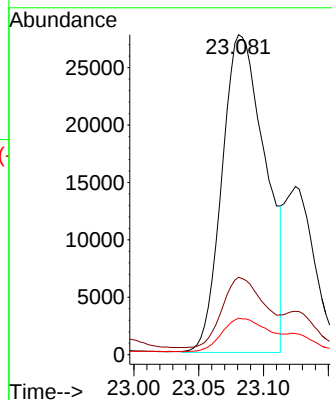
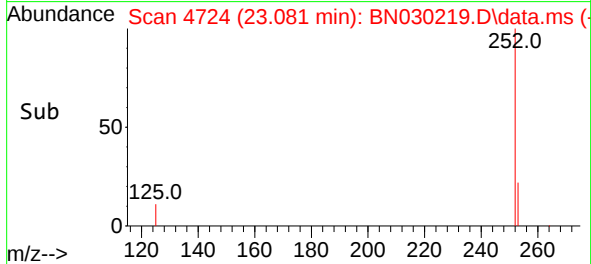
Instrument :
BNA_N
ClientSampleId :
E0SB7



Tgt Ion:252 Resp: 6445
Ion Ratio Lower Upper
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253 24.2 0.0 69.4
125 11.4 0.0 32.8

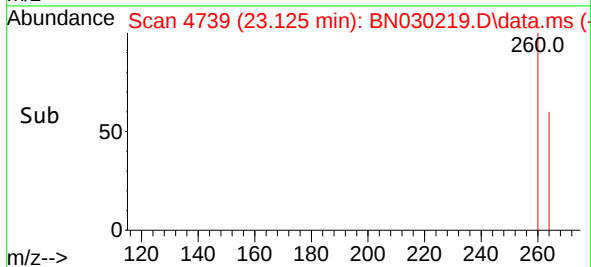
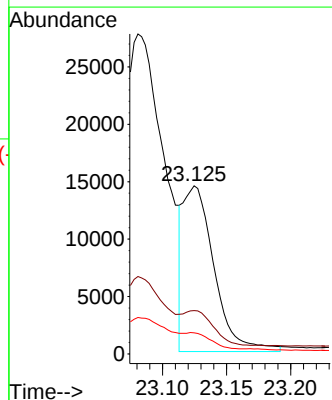
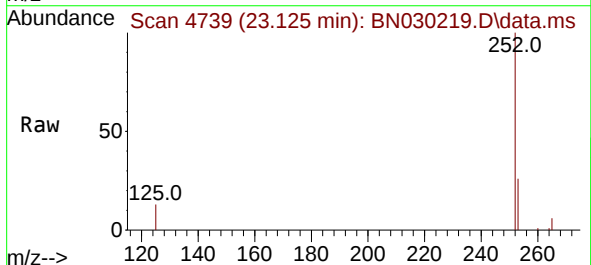
Manual Integrations
APPROVED

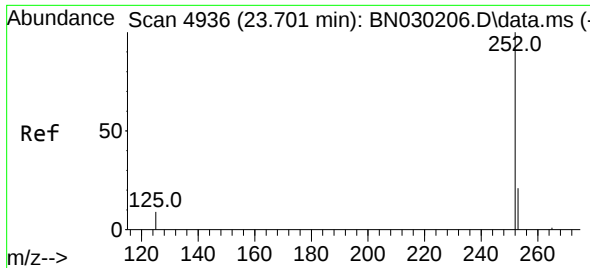
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#25
Benzo(k)fluoranthene
Concen: 1.123 ng/ul m
RT: 23.125 min Scan# 4739
Delta R.T. -0.018 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

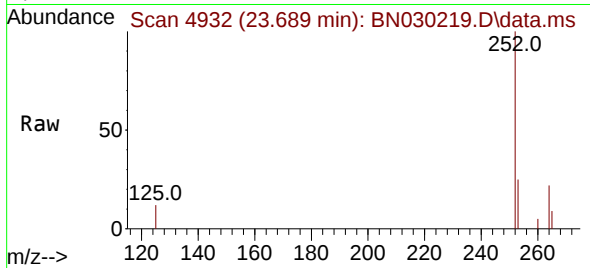
Tgt Ion:252 Resp: 24316
Ion Ratio Lower Upper
252 100
253 25.8 28.0 42.0#
125 12.6 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 2.314 ng/ul
RT: 23.689 min Scan# 4932
Delta R.T. -0.021 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

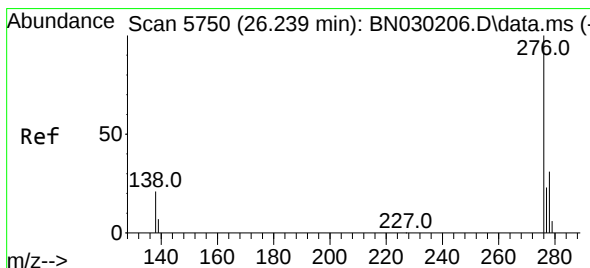
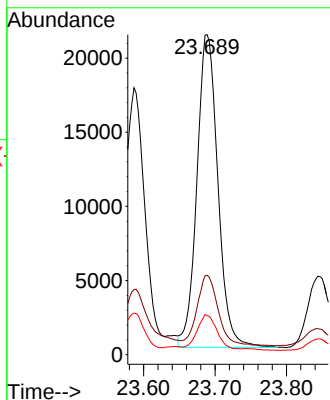
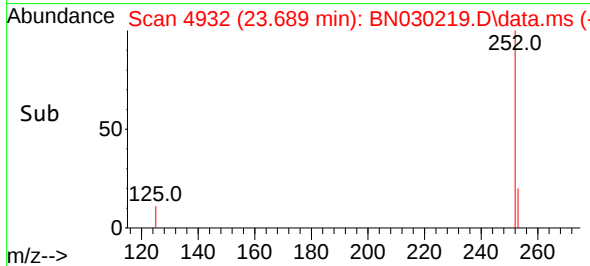
Instrument :
BNA_N
ClientSampleId :
E0SB7



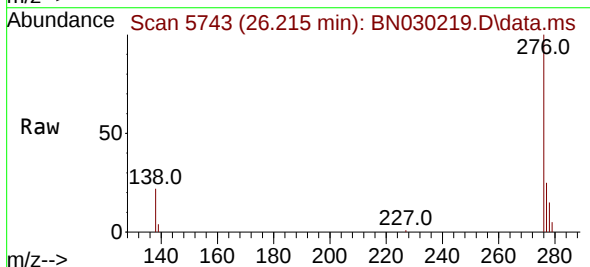
Tgt Ion:252 Resp: 43228
Ion Ratio Lower Upper
252 100
253 24.8 33.0 49.4#
125 12.2 16.9 25.3#

Manual Integrations
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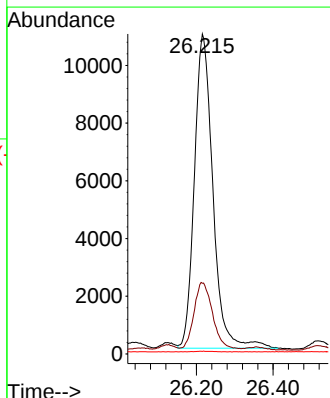
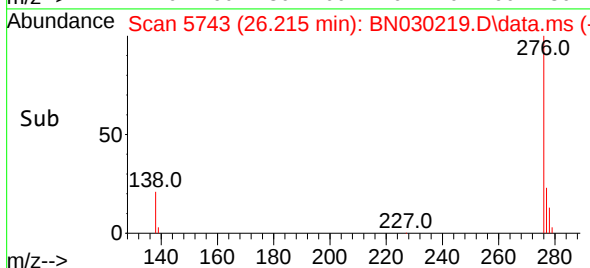
Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

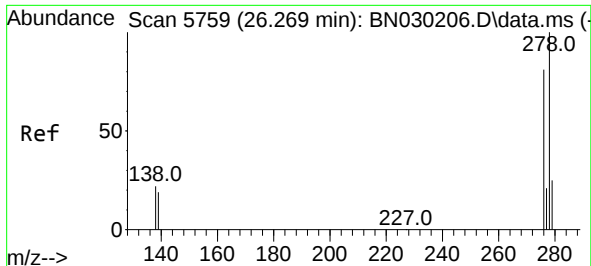


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.533 ng/ul
RT: 26.215 min Scan# 5743
Delta R.T. -0.034 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10



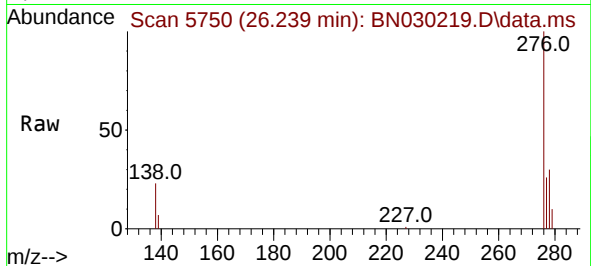
Tgt Ion:276 Resp: 36563
Ion Ratio Lower Upper
276 100
138 20.7 20.9 31.3#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.239 min Scan# 51
Delta R.T. -0.048 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10

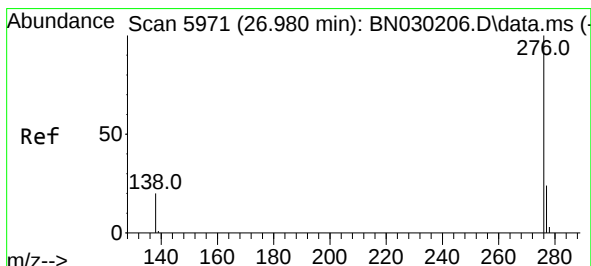
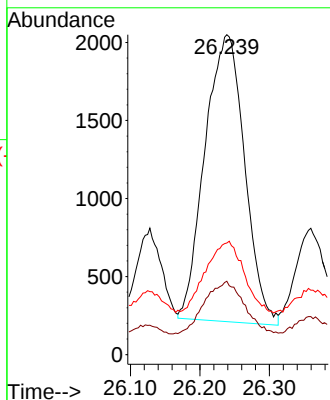
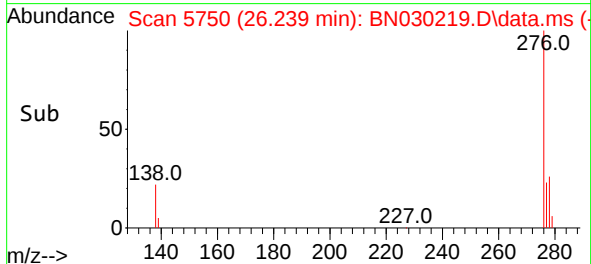
Instrument :
BNA_N
ClientSampleId :
E0SB7



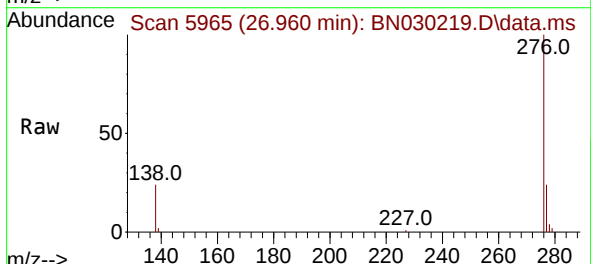
Tgt Ion: 278 Resp: 7292
Ion Ratio Lower Upper
278 100
139 22.9 18.9 28.3
279 34.9 31.8 47.6

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Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



#29
Benzo(g,h,i)perylene
Concen: 1.793 ng/ul
RT: 26.960 min Scan# 5965
Delta R.T. -0.024 min
Lab File: BN030219.D
Acq: 03 Mar 2024 15:10



Tgt Ion: 276 Resp: 39679
Ion Ratio Lower Upper
276 100
138 23.9 22.6 33.8
277 24.0 21.9 32.9

