

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032920.D
 Acq On : 23 Jul 2024 20:43
 Operator : MA/JU
 Sample : P3238-06DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 01:11:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6385	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.293	136	21984	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.173	164	12945	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.935	188	22176	0.400	ng/ul	-0.03
17) Chrysene-d12	21.149	240	16246	0.400	ng/ul	-0.02
23) Perylene-d12	23.341	264	19156	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	4251	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	1306	0.039	ng/ul	-0.02
18) Fluoranthene-d10	18.974	212	2148	0.041	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.342	128	6824	0.116	ng/ul	98
7) 2-Methylnaphthalene	11.981	142	2162	0.059	ng/ul	98
8) 1-Methylnaphthalene	12.201	142	1692	0.044	ng/ul	99
10) Acenaphthylene	13.891	152	4572	0.087	ng/ul#	93
11) Acenaphthene	14.238	153	11378	0.263	ng/ul	99
12) Fluorene	15.237	166	11289	0.228	ng/ul	98
15) Phenanthrene	16.973	178	189099	3.131	ng/ul	99
16) Anthracene	17.070	178	31219	0.633	ng/ul	97
19) Fluoranthene	19.007	202	267496	4.050	ng/ul	98
20) Pyrene	19.374	202	184950	2.705	ng/ul	97
21) Benzo(a)anthracene	21.134	228	101737	1.967	ng/ul	99
22) Chrysene	21.187	228	100047	1.337	ng/ul	98
24) Benzo(b)fluoranthene	22.686	252	139236m	2.060	ng/ul	
25) Benzo(k)fluoranthene	22.721	252	49733m	0.604	ng/ul	
26) Benzo(a)pyrene	23.244	252	55876	0.955	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.544	276	51783	0.654	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.538	278	15888	0.259	ng/ul#	88
29) Benzo(g,h,i)perylene	26.225	276	7442	0.112	ng/ul#	77

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

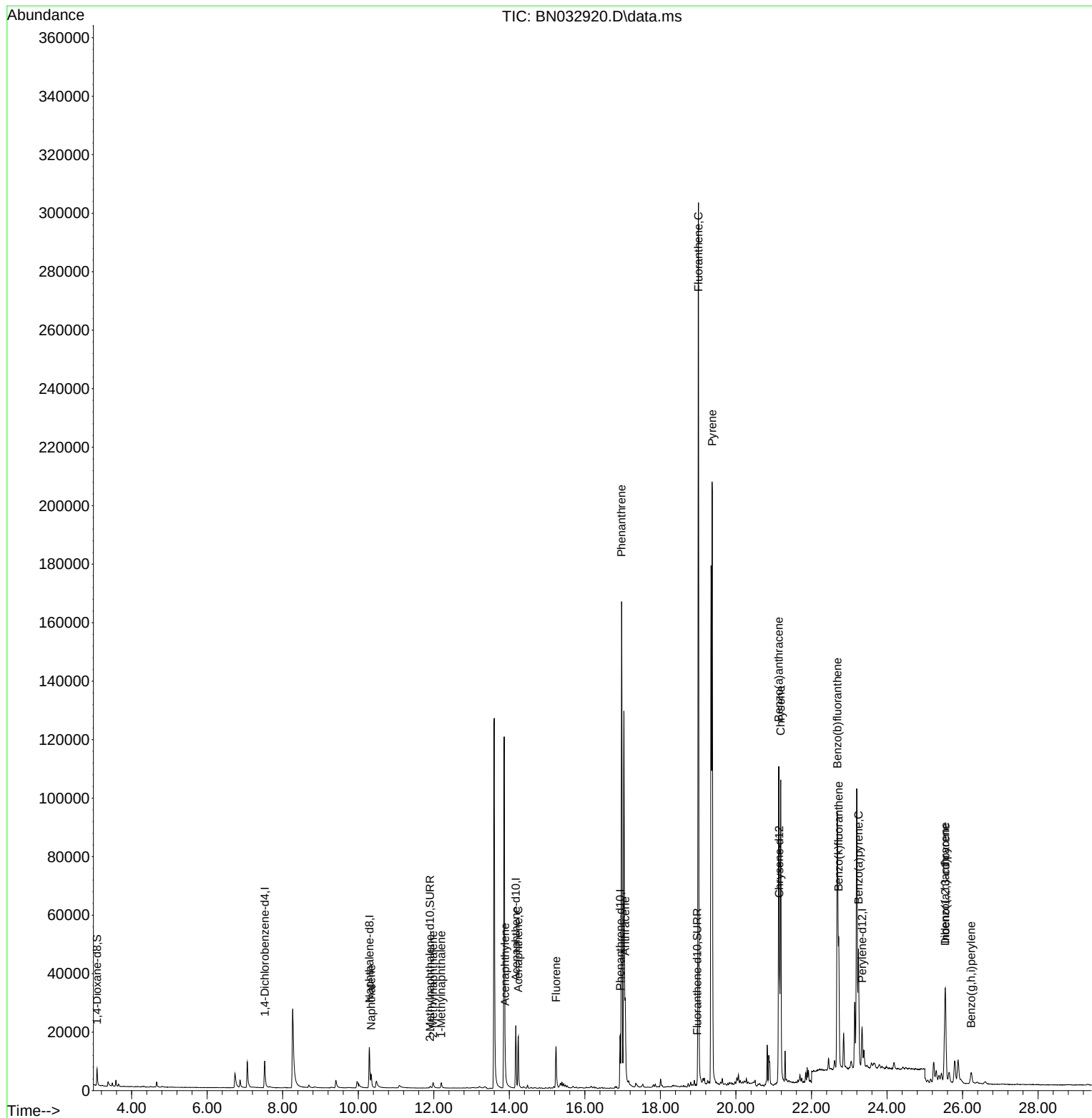
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032920.D
Acq On : 23 Jul 2024 20:43
Operator : MA/JU
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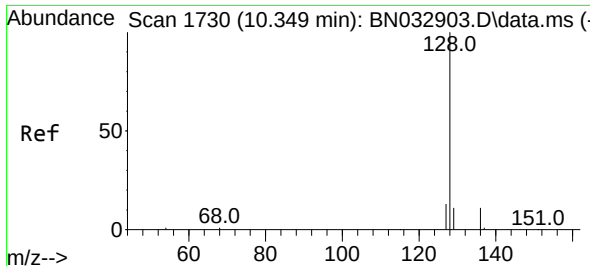
Instrument :
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Quant Time: Jul 24 01:11:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Manual Integrations
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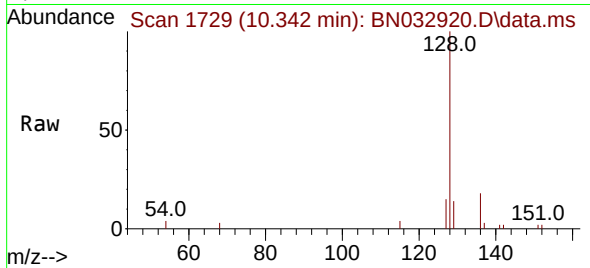
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.342 min Scan# 1729
Delta R.T. -0.022 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

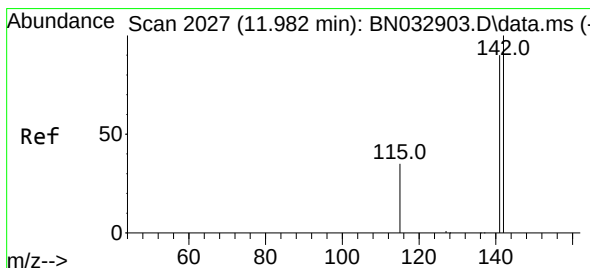
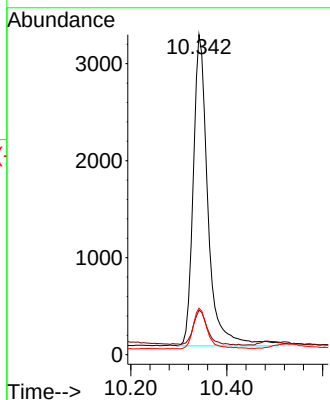
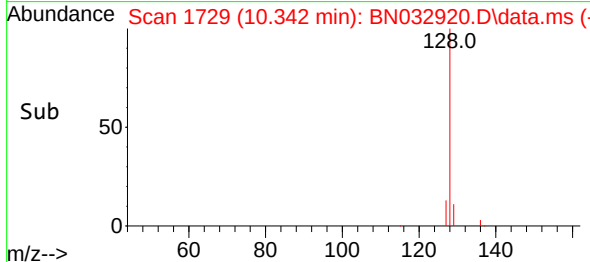
Instrument :
BNA_N
ClientSampleId :
A4BE9DL



Tgt Ion:128 Resp: 6824
Ion Ratio Lower Upper
128 100
129 13.9 10.0 15.0
127 14.5 11.6 17.4

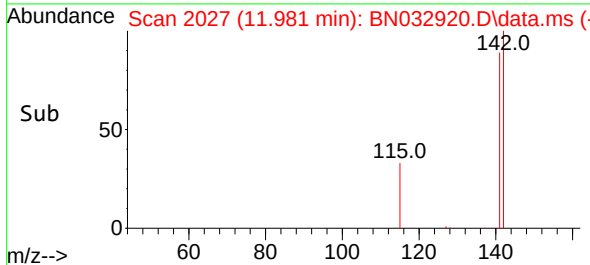
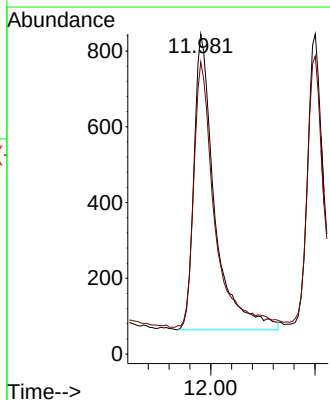
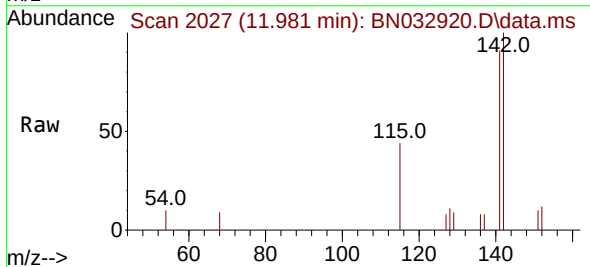
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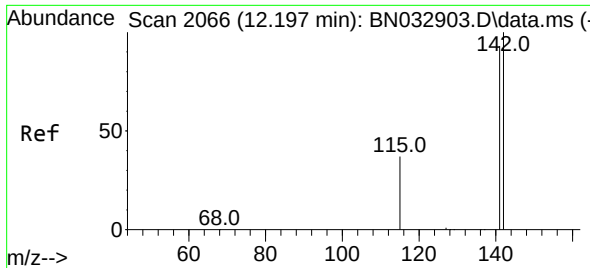
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.016 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

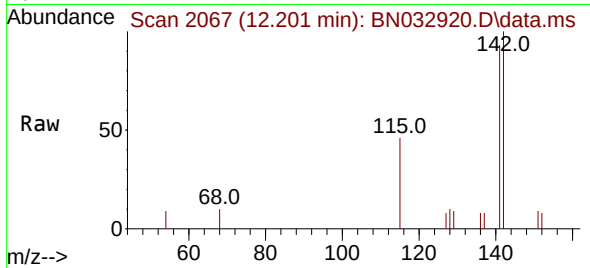
Tgt Ion:142 Resp: 2162
Ion Ratio Lower Upper
142 100
141 90.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

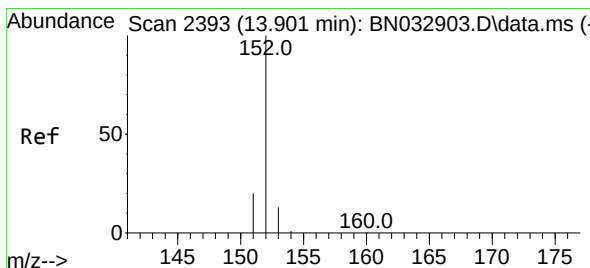
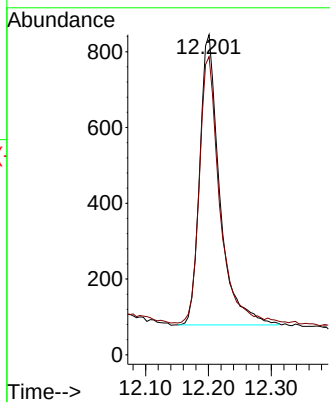
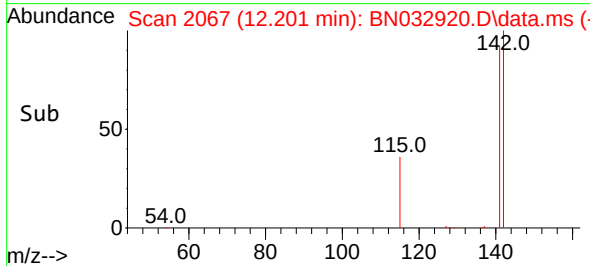
Instrument :
BNA_N
ClientSampleId :
A4BE9DL



Tgt Ion:142 Resp: 1692
Ion Ratio Lower Upper
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141 93.1 75.0 112.4

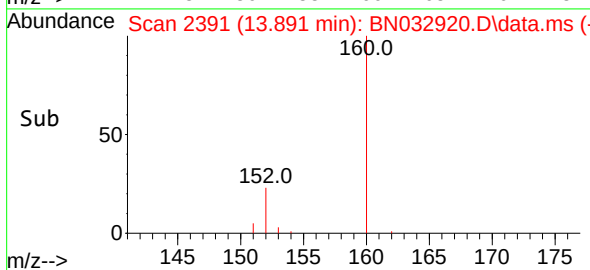
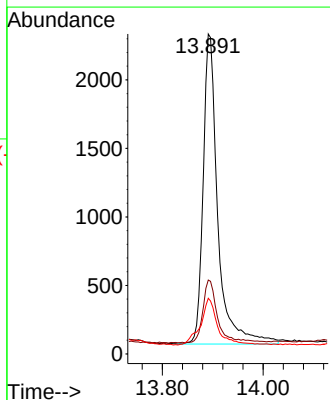
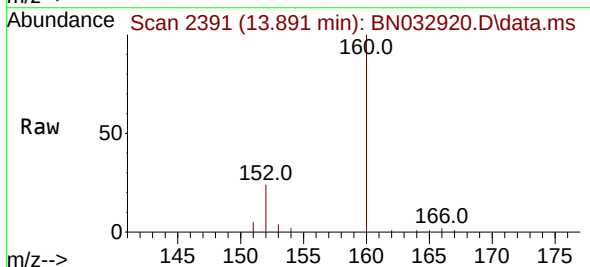
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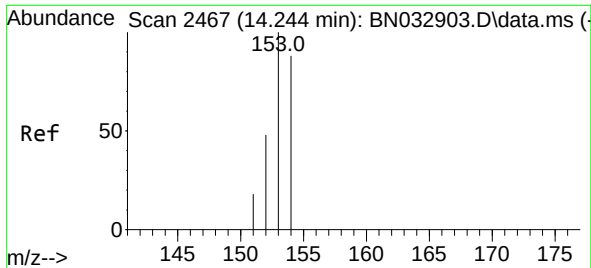
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. -0.023 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

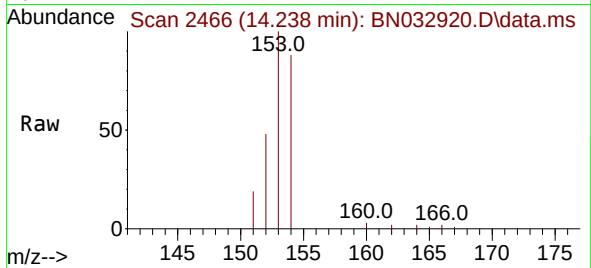
Tgt Ion:152 Resp: 4572
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5
153 17.4 11.3 16.9#





#11
Acenaphthene
Concen: 0.263 ng/u1
RT: 14.238 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

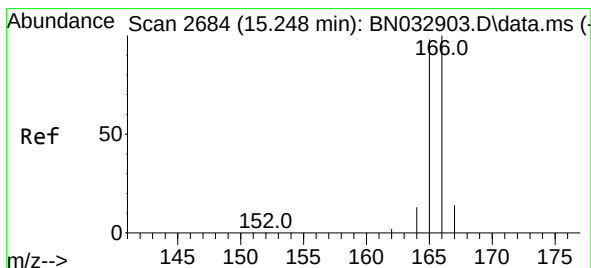
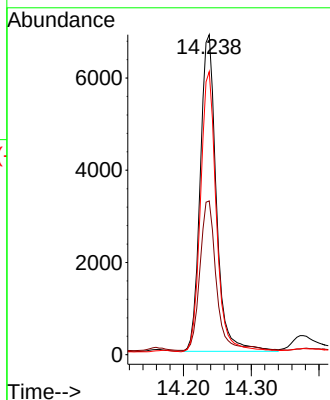
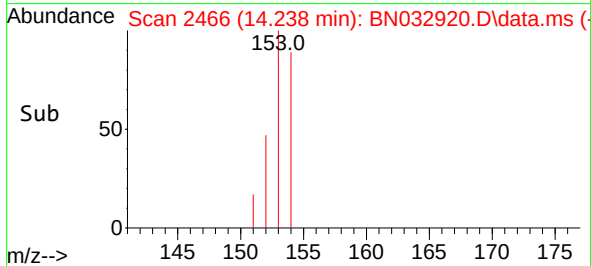
Instrument :
BNA_N
ClientSampleId :
A4BE9DL



Tgt Ion:153 Resp: 11378
Ion Ratio Lower Upper
153 100
152 48.1 40.0 60.0
154 88.4 70.2 105.4

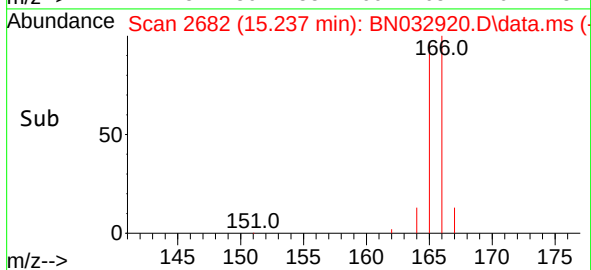
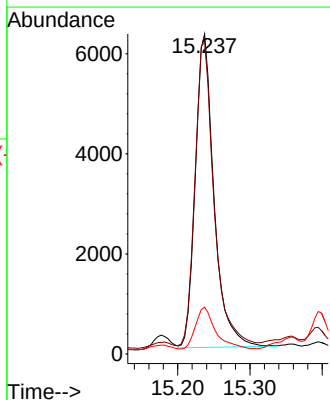
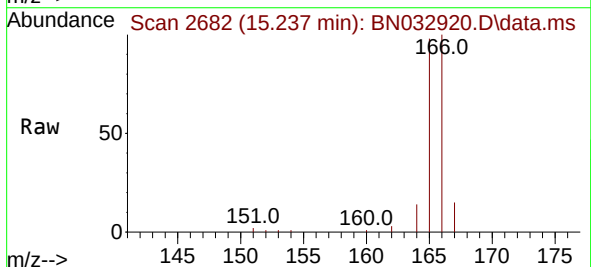
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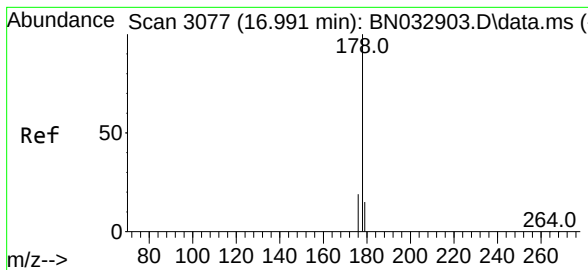
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.228 ng/u1
RT: 15.237 min Scan# 2682
Delta R.T. -0.023 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

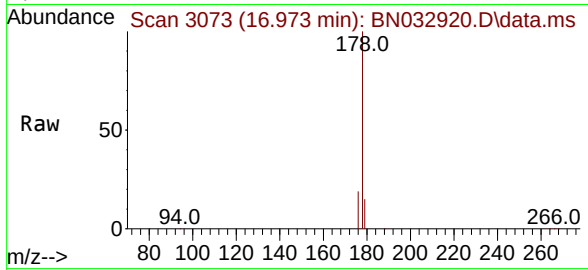
Tgt Ion:166 Resp: 11289
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 14.7 11.4 17.2





#15
Phenanthrene
Concen: 3.131 ng/ul
RT: 16.973 min Scan# 3073
Delta R.T. -0.029 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

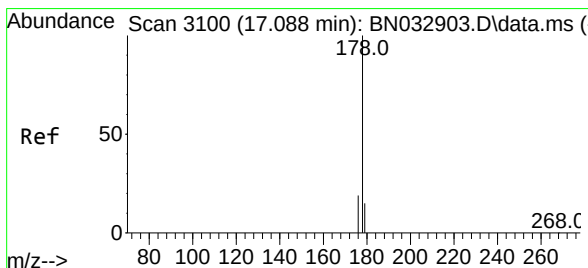
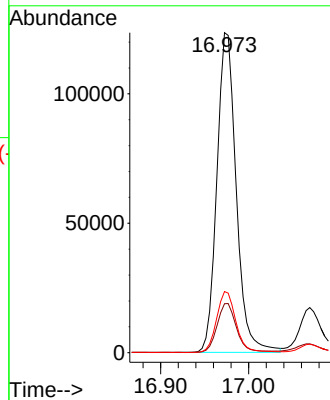
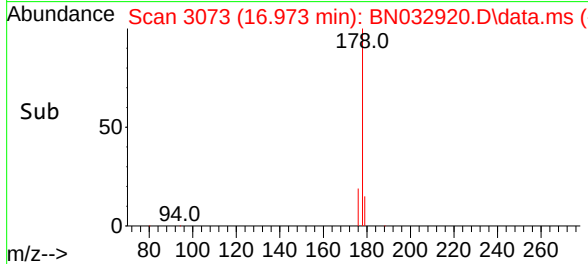
Instrument : BNA_N
ClientSampleId : A4BE9DL



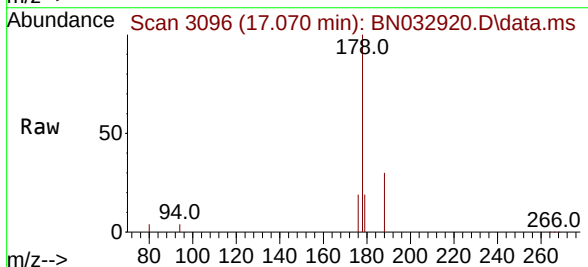
Tgt Ion:178 Resp: 189099
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.1 15.6 23.4

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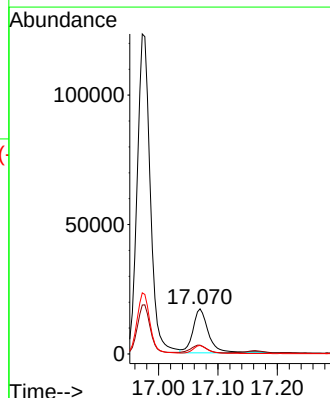
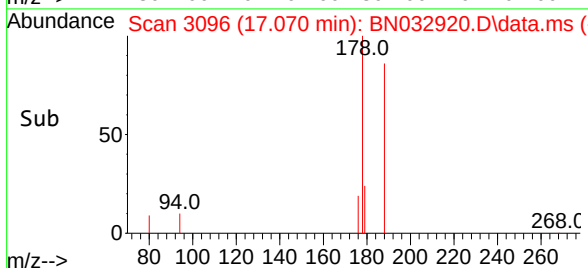
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

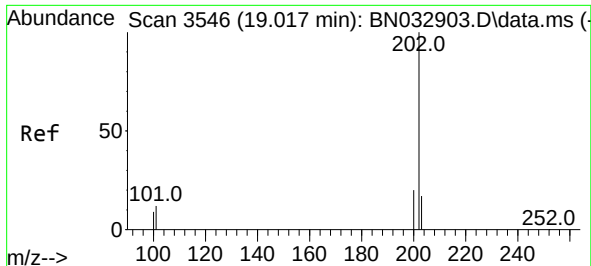


#16
Anthracene
Concen: 0.633 ng/ul
RT: 17.070 min Scan# 3096
Delta R.T. -0.029 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43



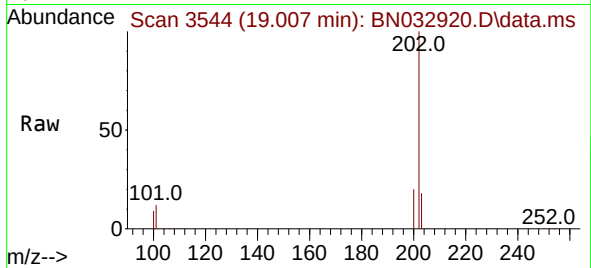
Tgt Ion:178 Resp: 31219
Ion Ratio Lower Upper
178 100
179 19.4 13.4 20.2
176 18.7 15.4 23.0





#19
Fluoranthene
Concen: 4.050 ng/u1
RT: 19.007 min Scan# 3544
Delta R.T. -0.018 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

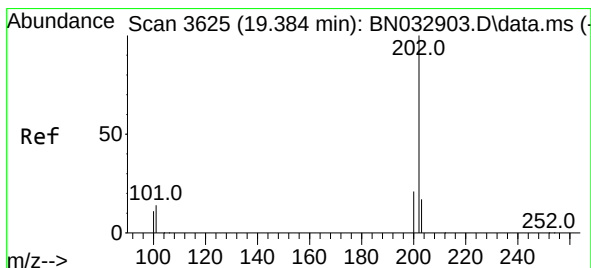
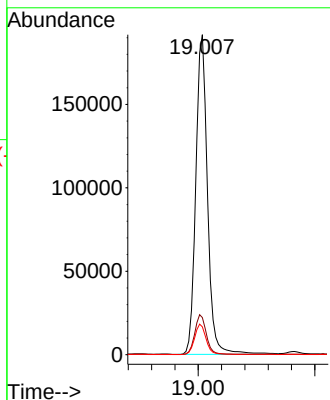
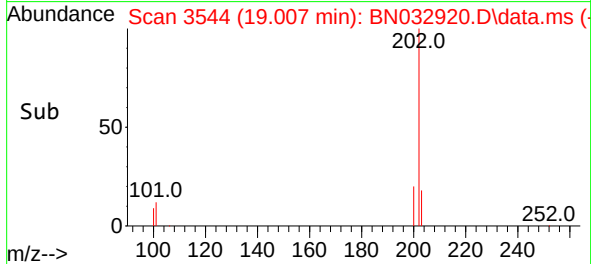
Instrument :
BNA_N
ClientSampleId :
A4BE9DL



Tgt Ion:202 Resp: 267490
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.7 7.9 11.9

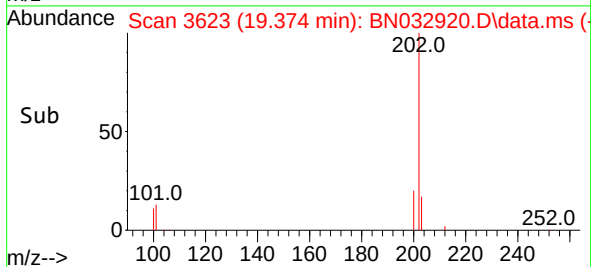
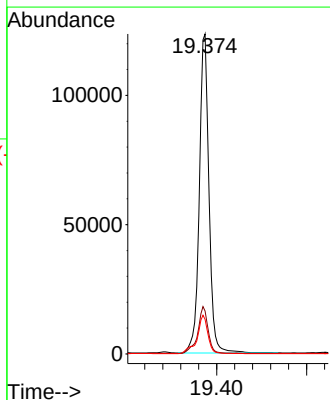
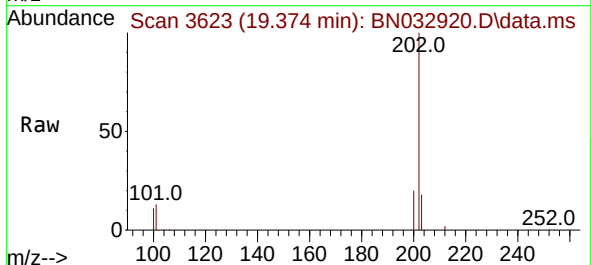
Manual Integrations
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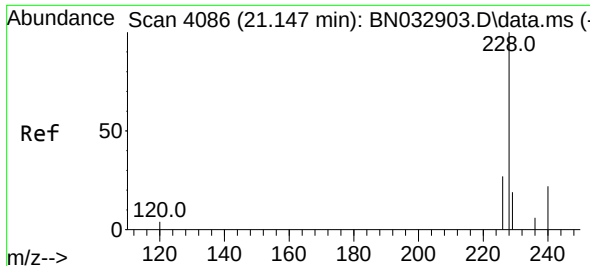
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 2.705 ng/u1
RT: 19.374 min Scan# 3623
Delta R.T. -0.018 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

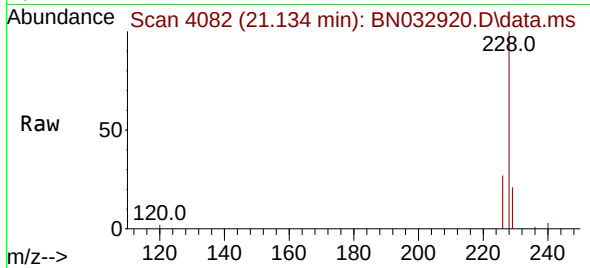
Tgt Ion:202 Resp: 184950
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.967 ng/ul
RT: 21.134 min Scan# 4086
Delta R.T. -0.016 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

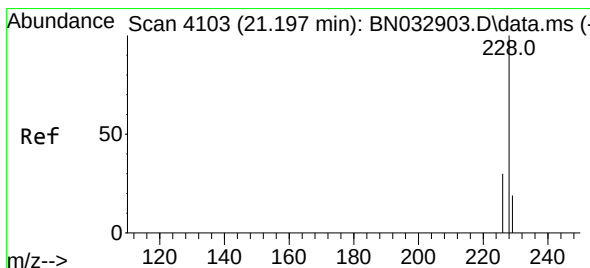
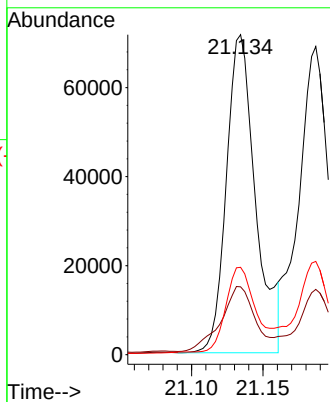
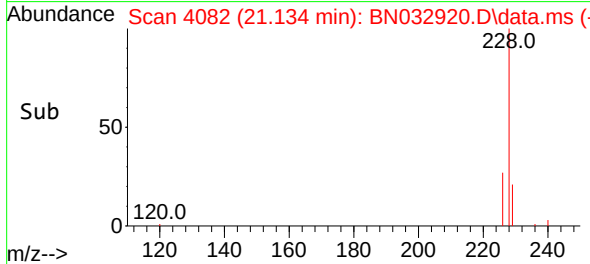
Instrument :
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ClientSampleId :
A4BE9DL



Tgt Ion:228 Resp: 10173
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 27.3 21.9 32.9

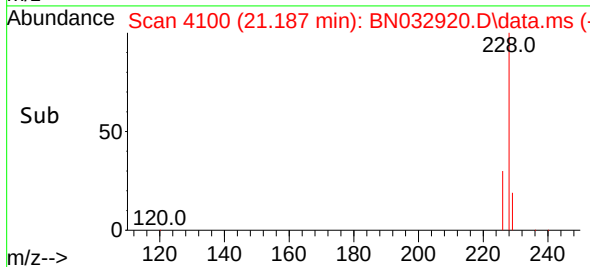
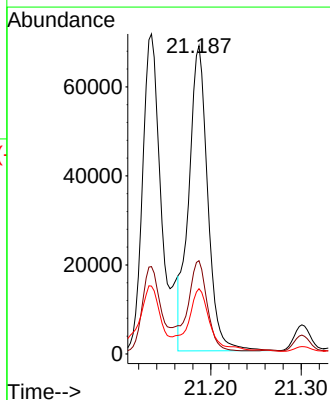
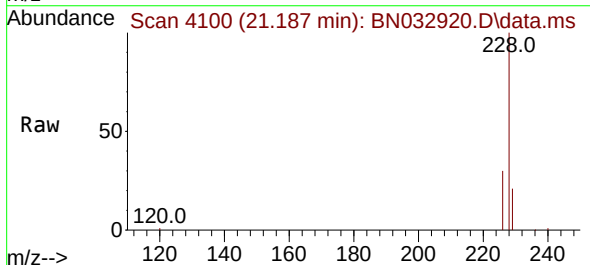
Manual Integrations
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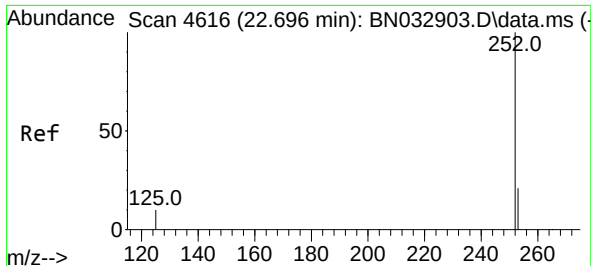
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.337 ng/ul
RT: 21.187 min Scan# 4100
Delta R.T. -0.016 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

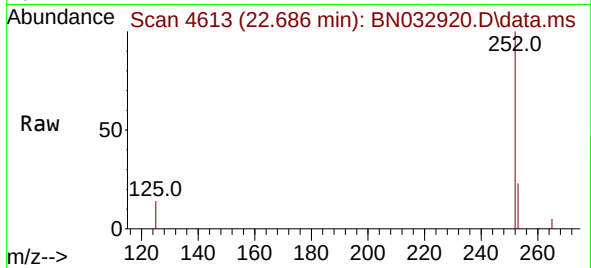
Tgt Ion:228 Resp: 100047
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.060 ng/ul m
RT: 22.686 min Scan# 4616
Delta R.T. -0.013 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

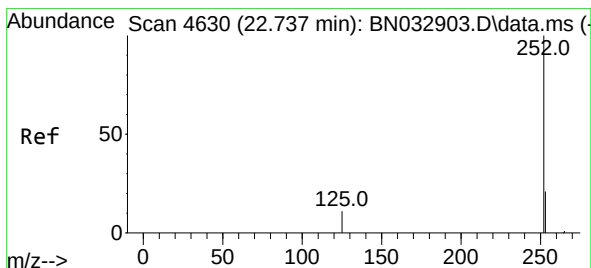
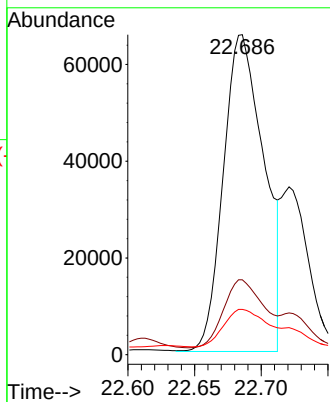
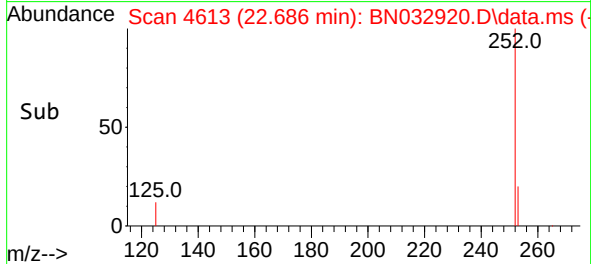
Instrument :
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A4BE9DL



Tgt Ion:252 Resp: 139230
Ion Ratio Lower Upper
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253 23.4 0.0 54.0
125 14.2 0.0 36.0

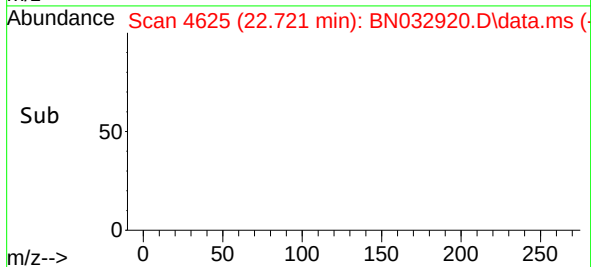
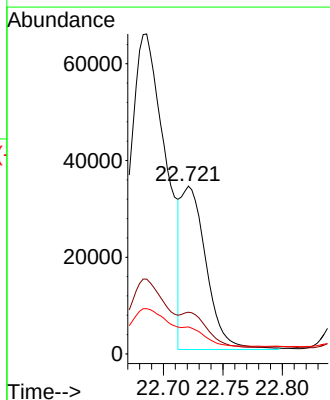
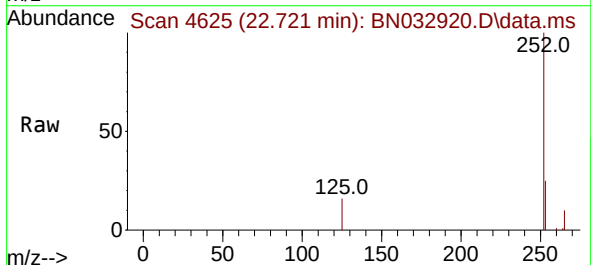
Manual Integrations
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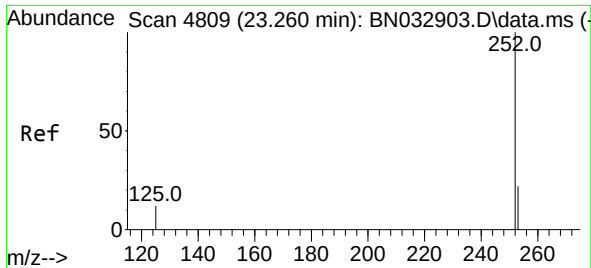
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.604 ng/ul m
RT: 22.721 min Scan# 4625
Delta R.T. -0.019 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

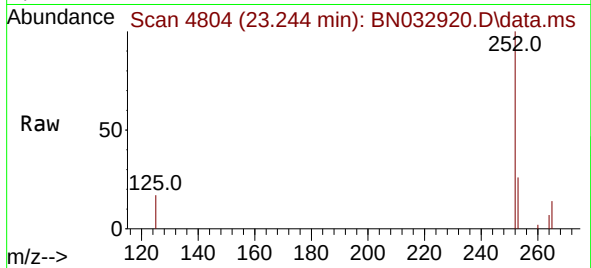
Tgt Ion:252 Resp: 49733
Ion Ratio Lower Upper
252 100
253 24.9 21.2 31.8
125 16.2 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.955 ng/ul
RT: 23.244 min Scan# 4804
Delta R.T. -0.019 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

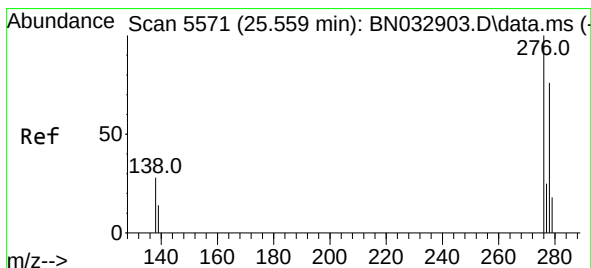
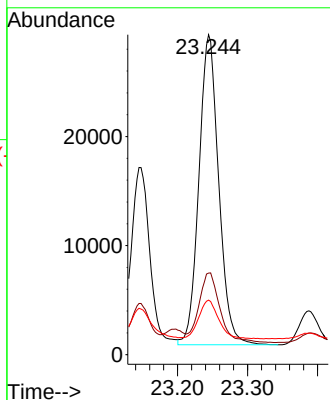
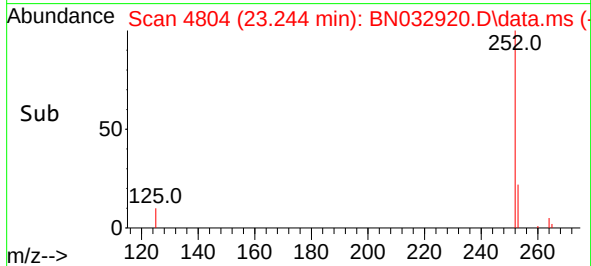
Instrument :
BNA_N
ClientSampleId :
A4BE9DL



Tgt Ion:252 Resp: 55870
Ion Ratio Lower Upper
252 100
253 25.5 25.4 38.0
125 17.0 20.6 30.8

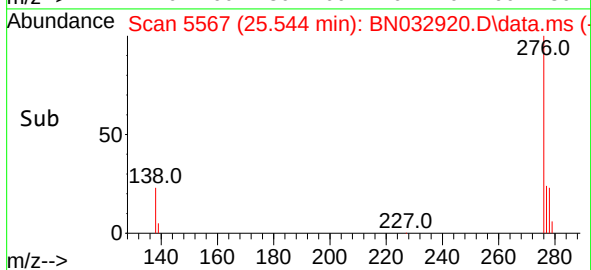
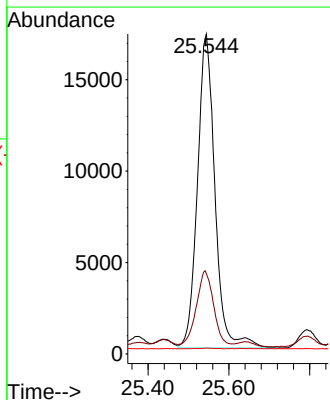
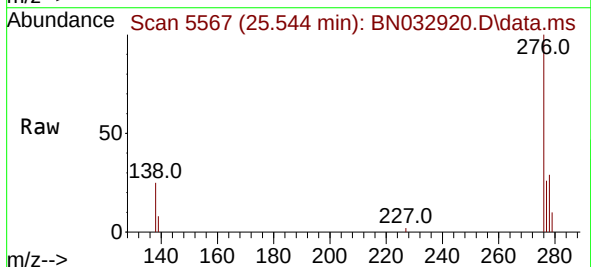
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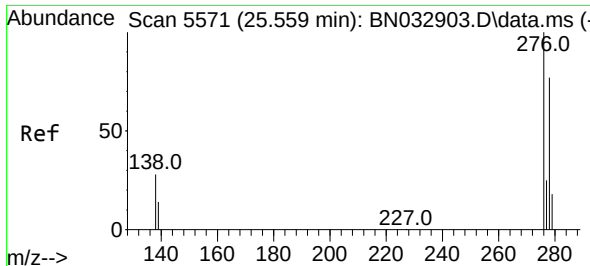
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.654 ng/ul
RT: 25.544 min Scan# 5567
Delta R.T. -0.025 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

Tgt Ion:276 Resp: 51783
Ion Ratio Lower Upper
276 100
138 23.2 21.6 32.4
227 0.2 0.0 0.0





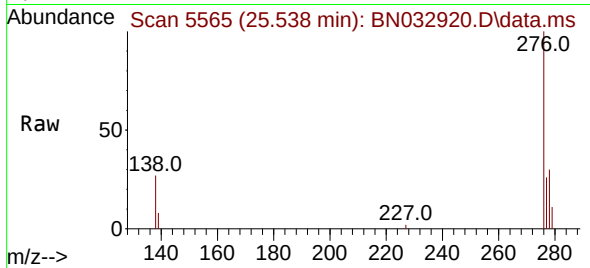
#28
Dibenzo(a,h)anthracene
Concen: 0.259 ng/ul
RT: 25.538 min Scan# 51
Delta R.T. -0.032 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43

Instrument :

BNA_N

ClientSampleId :

A4BE9DL

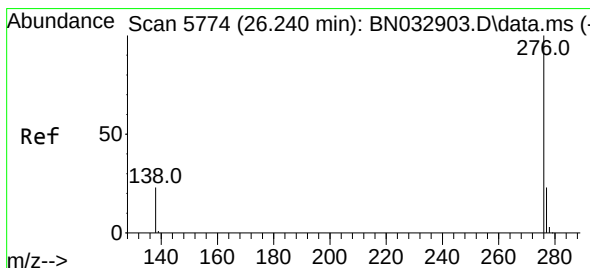
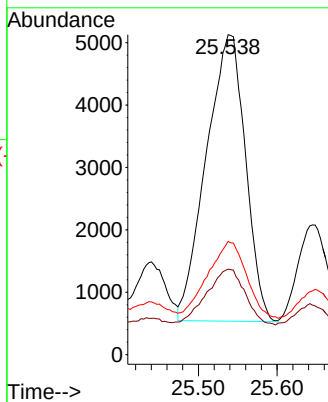
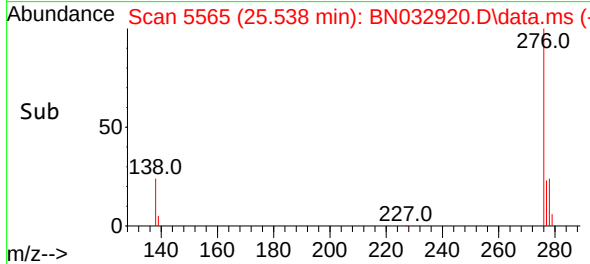


Tgt Ion:278 Resp: 1588
Ion Ratio Lower Upper
278 100
139 26.8 16.6 24.8#
279 35.4 23.7 35.5

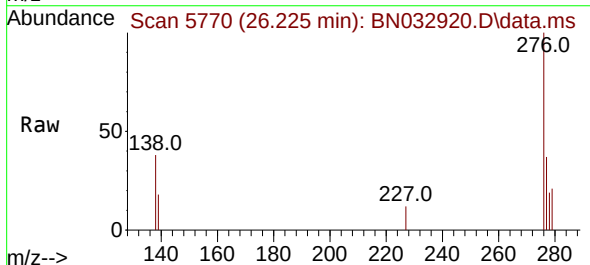
Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.112 ng/ul
RT: 26.225 min Scan# 5770
Delta R.T. -0.025 min
Lab File: BN032920.D
Acq: 23 Jul 2024 20:43



Tgt Ion:276 Resp: 7442
Ion Ratio Lower Upper
276 100
138 38.2 21.0 31.4#
277 37.3 20.6 31.0#

