

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032913.D
 Acq On : 23 Jul 2024 16:31
 Operator : MA/JU
 Sample : P3178-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 17:16:06 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	5386	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.298	136	18405	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.173	164	10508	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	17008	0.400	ng/ul	-0.02
17) Chrysene-d12	21.155	240	13251	0.400	ng/ul	-0.01
23) Perylene-d12	23.347	264	16290	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3066	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	965	0.035	ng/ul	-0.02
18) Fluoranthene-d10	18.979	212	1509	0.035	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	2891	0.058	ng/ul#	91
7) 2-Methylnaphthalene	11.986	142	856	0.028	ng/ul	96
8) 1-Methylnaphthalene	12.201	142	653	0.020	ng/ul	97
10) Acenaphthylene	13.896	152	4309	0.102	ng/ul	95
11) Acenaphthene	14.238	153	2634	0.075	ng/ul	99
12) Fluorene	15.237	166	2577	0.064	ng/ul#	97
15) Phenanthrene	16.977	178	50541	1.091	ng/ul	99
16) Anthracene	17.074	178	10453	0.276	ng/ul#	96
19) Fluoranthene	19.011	202	108349	2.011	ng/ul	97
20) Pyrene	19.374	202	63783	1.144	ng/ul	99
21) Benzo(a)anthracene	21.140	228	50492	1.197	ng/ul	98
22) Chrysene	21.193	228	48245	0.791	ng/ul	97
24) Benzo(b)fluoranthene	22.692	252	77888m	1.355	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	27472m	0.392	ng/ul	
26) Benzo(a)pyrene	23.250	252	20841	0.419	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.551	276	24826	0.369	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.548	278	9489	0.182	ng/ul#	77
29) Benzo(g,h,i)perylene	26.235	276	3171	0.056	ng/ul#	53

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

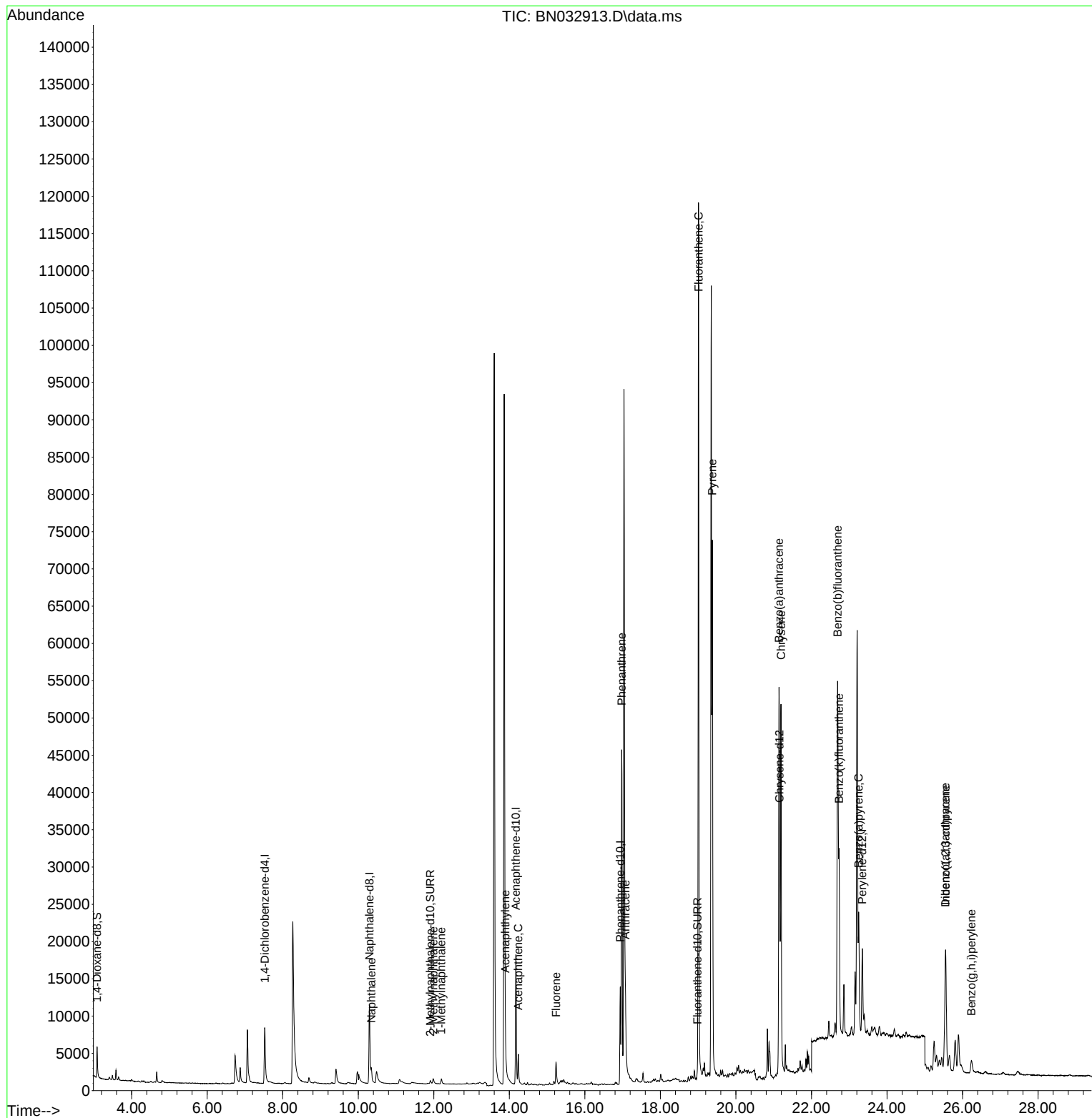
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032913.D
Acq On : 23 Jul 2024 16:31
Operator : MA/JU
Sample : P3178-09DL 5X
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ALS Vial : 22 Sample Multiplier: 1

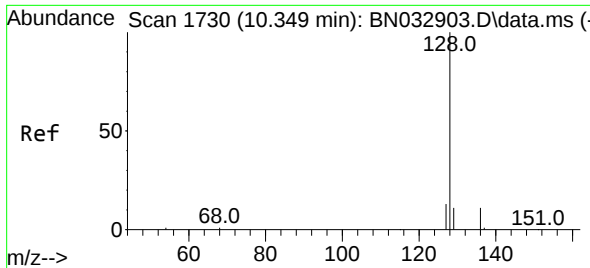
Instrument :
BNA_N
ClientSampleId :
A4BT4DL

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Supervised By :mohammad ahmed 07/26/2024

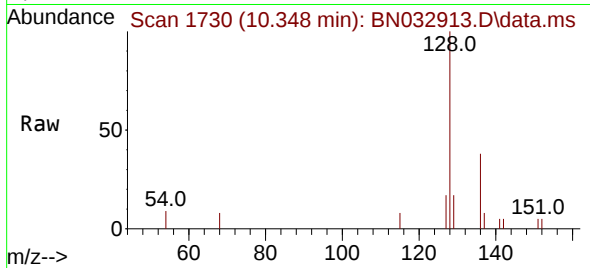
Quant Time: Jul 23 17:16:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.016 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

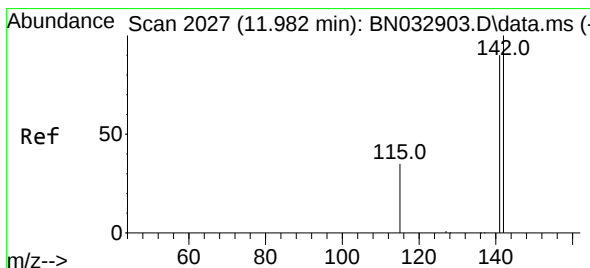
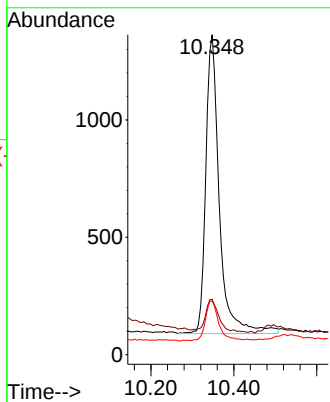
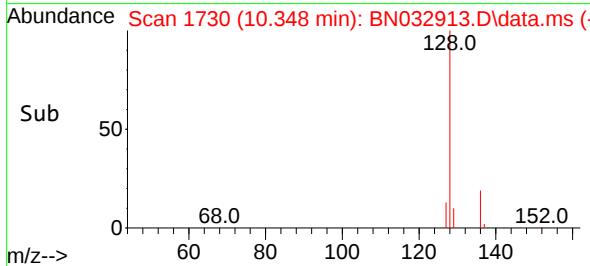
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



Tgt Ion:128 Resp: 289
Ion Ratio Lower Upper
128 100
129 17.3 10.0 15.0
127 16.7 11.6 17.4

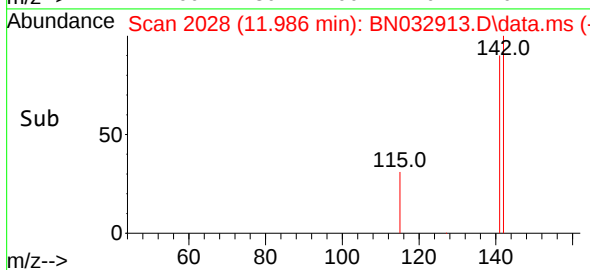
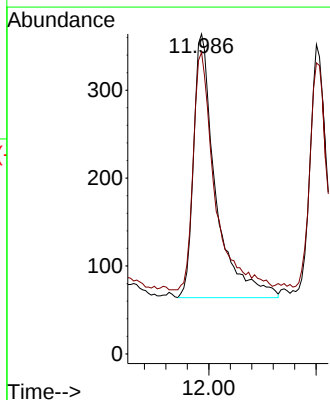
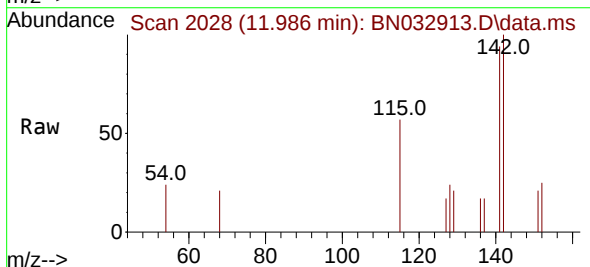
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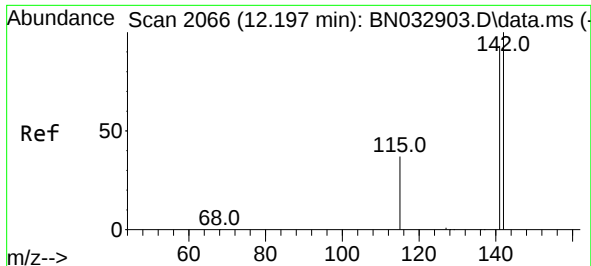
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.986 min Scan# 2028
Delta R.T. -0.011 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

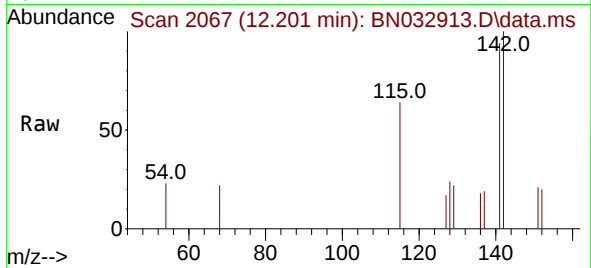
Tgt Ion:142 Resp: 856
Ion Ratio Lower Upper
142 100
141 88.4 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

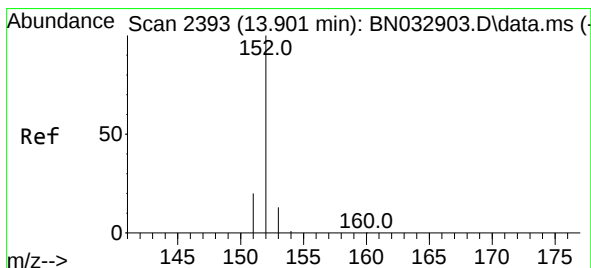
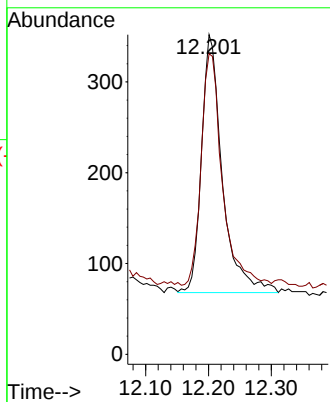
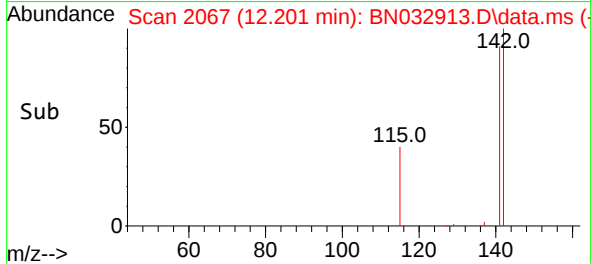
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
141 90.8 75.0 112.4

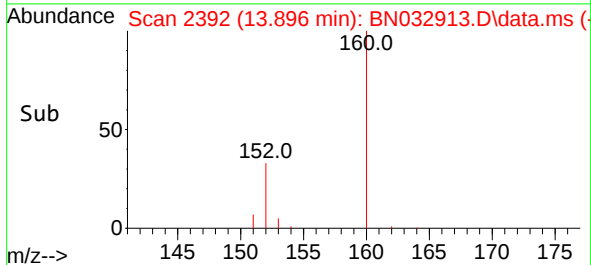
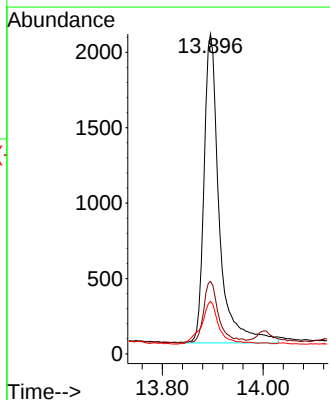
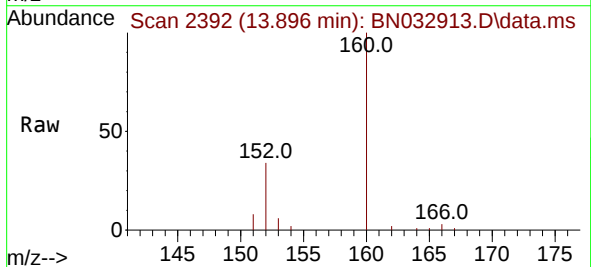
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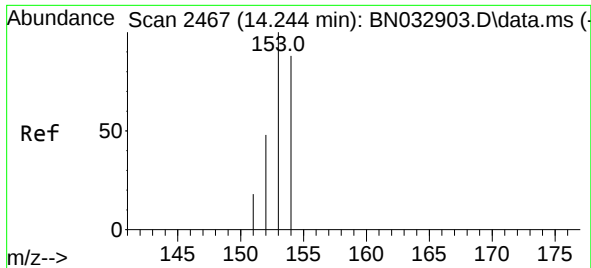
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.018 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

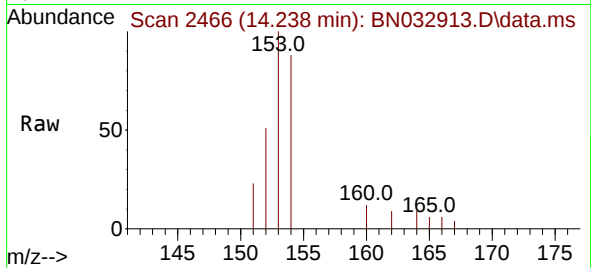
Tgt Ion:152 Resp: 4309
Ion Ratio Lower Upper
152 100
151 22.6 16.3 24.5
153 16.4 11.3 16.9





#11
Acenaphthene
Concen: 0.075 ng/u1
RT: 14.238 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

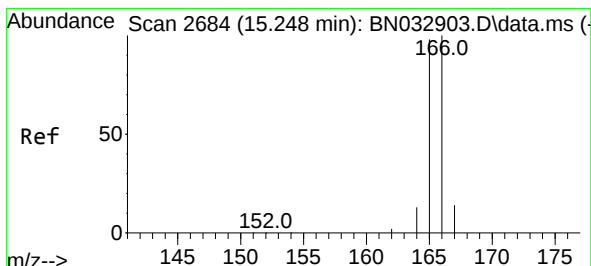
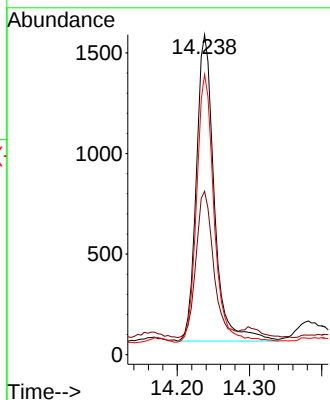
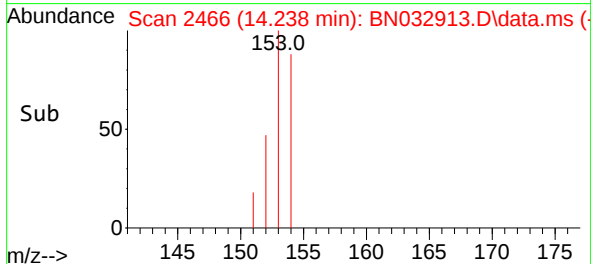
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



Tgt Ion:153 Resp: 2634
Ion Ratio Lower Upper
153 100
152 51.0 40.0 60.0
154 87.6 70.2 105.4

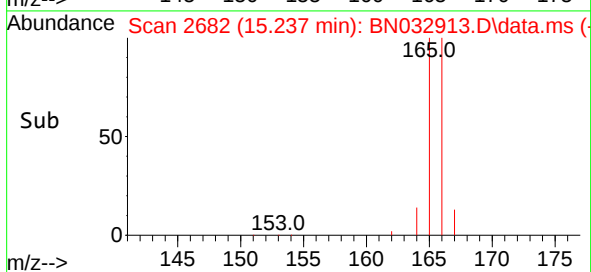
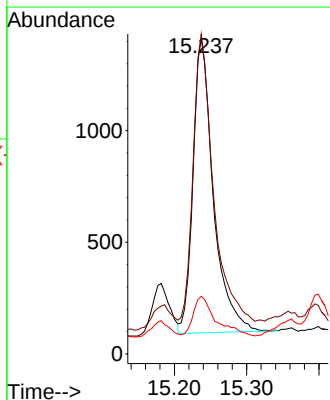
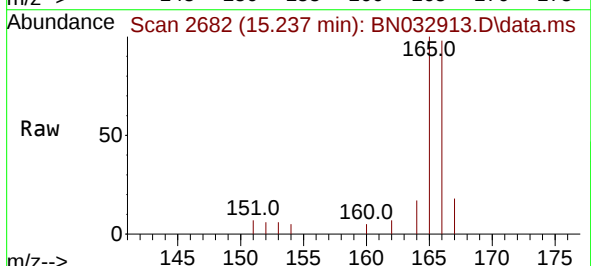
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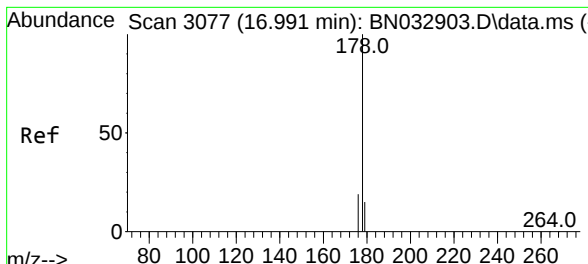
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.064 ng/u1
RT: 15.237 min Scan# 2682
Delta R.T. -0.023 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

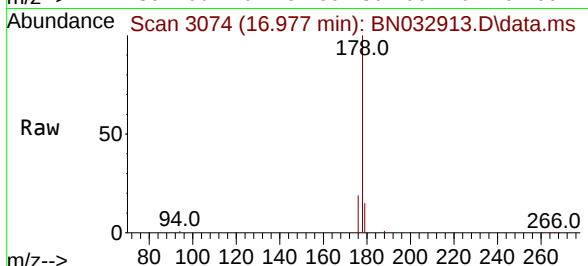
Tgt Ion:166 Resp: 2577
Ion Ratio Lower Upper
166 100
165 101.6 79.7 119.5
167 18.3 11.4 17.2#





#15
Phenanthrene
Concen: 1.091 ng/ul
RT: 16.977 min Scan# 3074
Delta R.T. -0.025 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

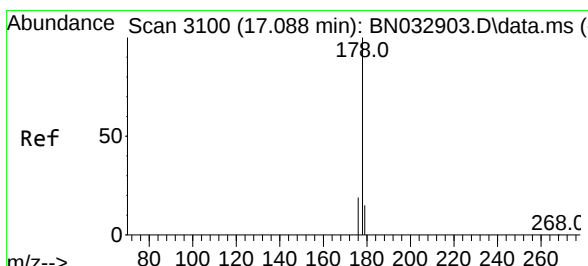
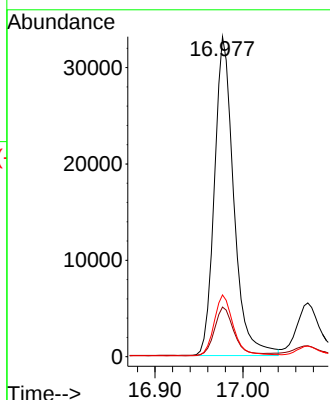
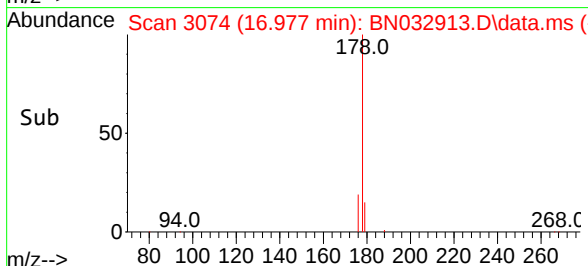
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



Tgt Ion:178 Resp: 5054
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.3 15.6 23.4

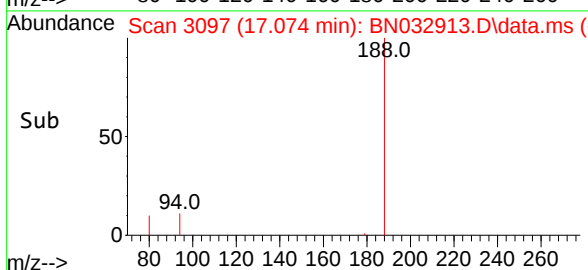
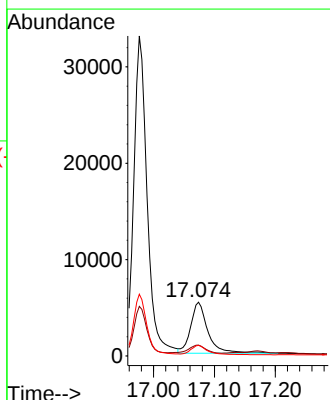
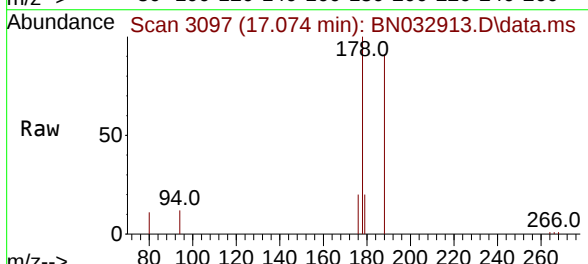
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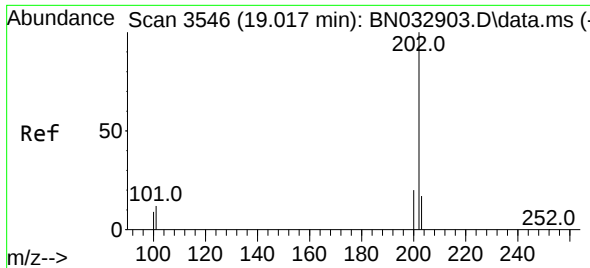
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 0.276 ng/ul
RT: 17.074 min Scan# 3097
Delta R.T. -0.025 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

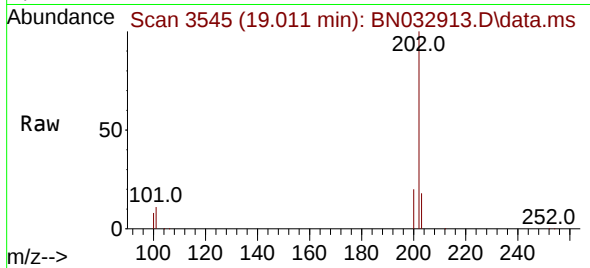
Tgt Ion:178 Resp: 10453
Ion Ratio Lower Upper
178 100
179 20.2 13.4 20.2#
176 19.5 15.4 23.0





#19
Fluoranthene
Concen: 2.011 ng/u1
RT: 19.011 min Scan# 3545
Delta R.T. -0.014 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

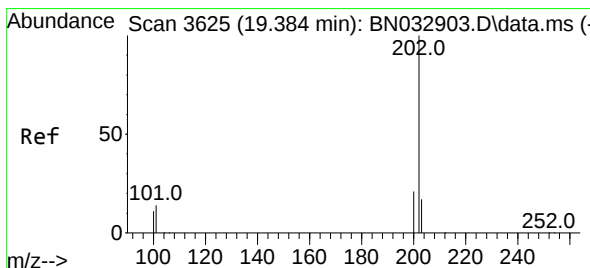
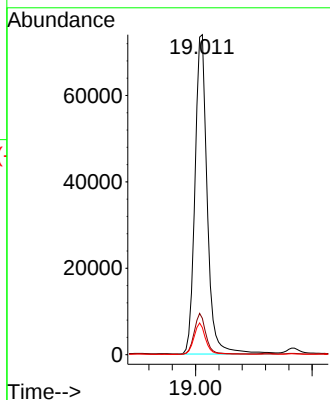
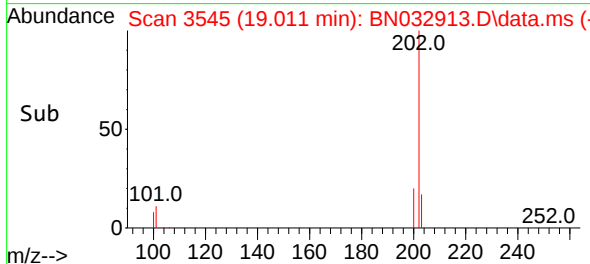
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



Tgt Ion:202 Resp: 108349
Ion Ratio Lower Upper
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101 11.4 9.8 14.8
100 8.5 7.9 11.9

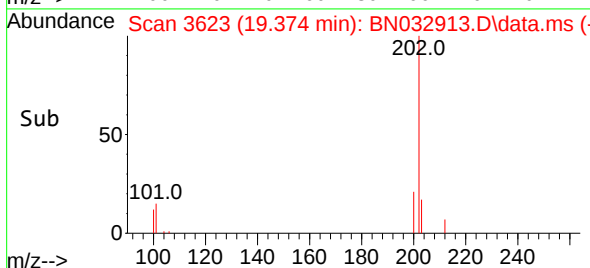
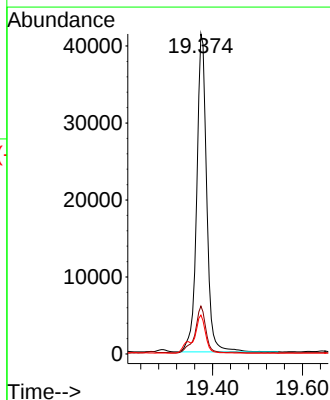
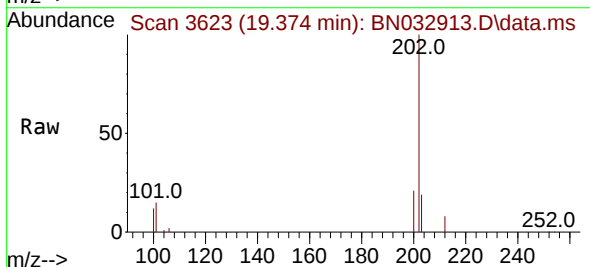
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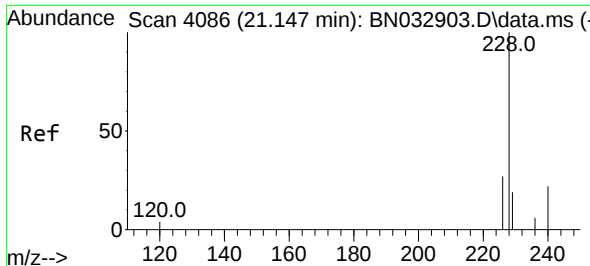
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.144 ng/u1
RT: 19.374 min Scan# 3623
Delta R.T. -0.018 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

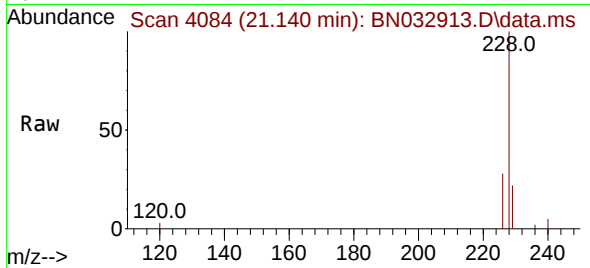
Tgt Ion:202 Resp: 63783
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 12.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.197 ng/u1
RT: 21.140 min Scan# 4086
Delta R.T. -0.010 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

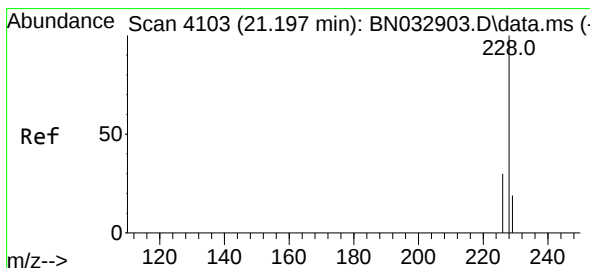
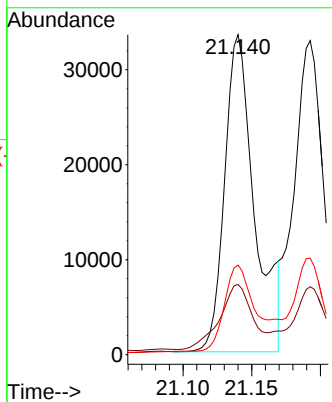
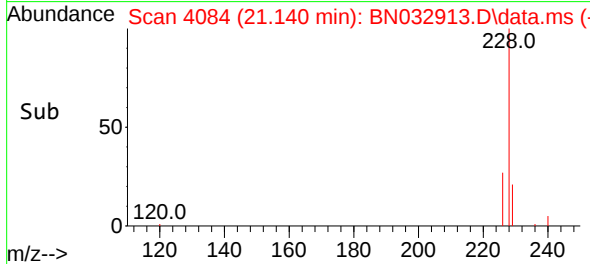
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



Tgt Ion:228 Resp: 50492
Ion Ratio Lower Upper
228 100
229 22.0 16.1 24.1
226 28.0 21.9 32.9

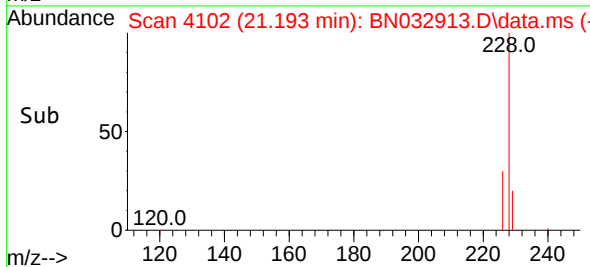
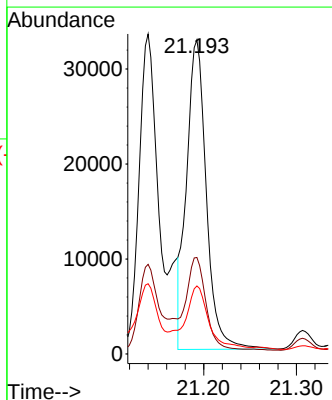
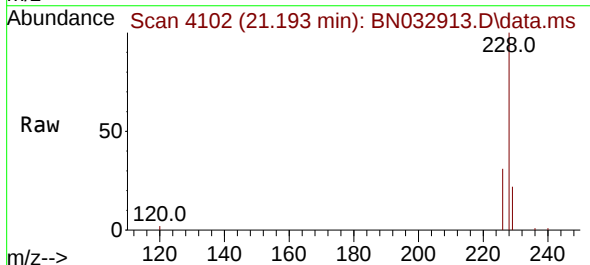
Manual Integrations
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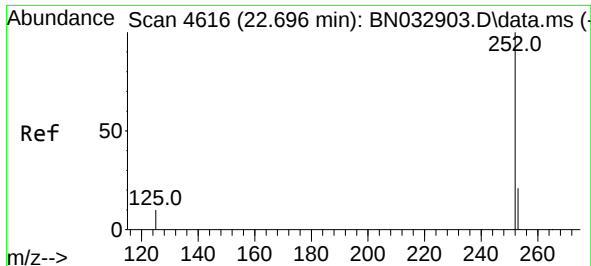
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.791 ng/u1
RT: 21.193 min Scan# 4102
Delta R.T. -0.010 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

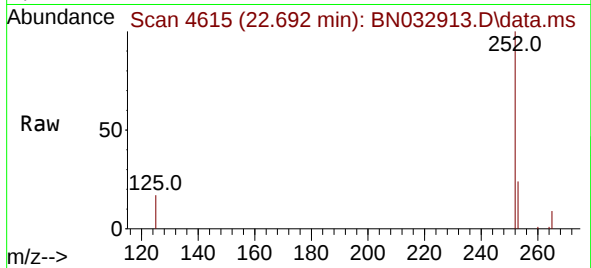
Tgt Ion:228 Resp: 48245
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.355 ng/ul m
RT: 22.692 min Scan# 4615
Delta R.T. -0.007 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

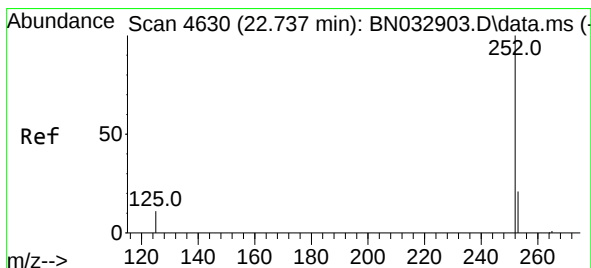
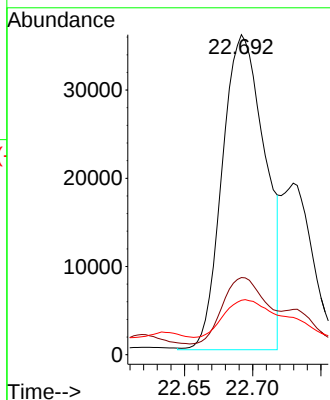
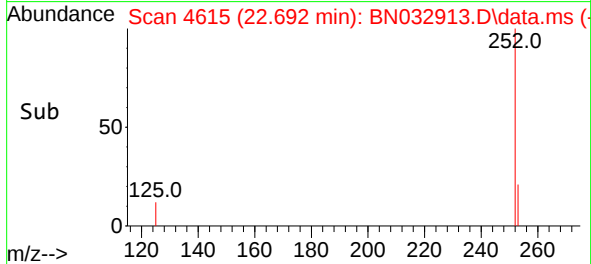
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



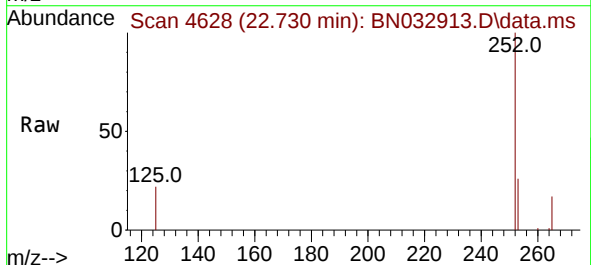
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Ion Ratio Lower Upper
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253 24.1 0.0 54.0
125 17.0 0.0 36.0

Manual Integrations
APPROVED

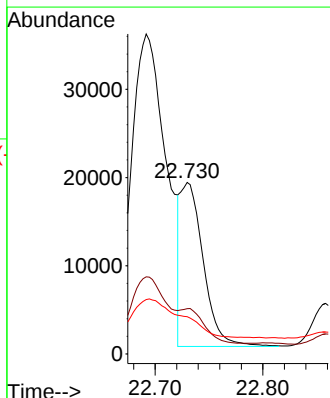
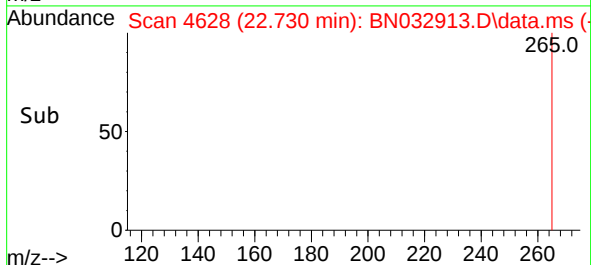
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

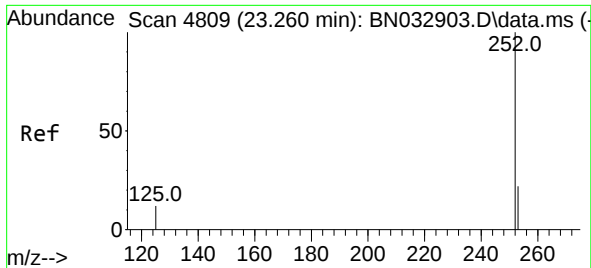


#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul m
RT: 22.730 min Scan# 4628
Delta R.T. -0.010 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31



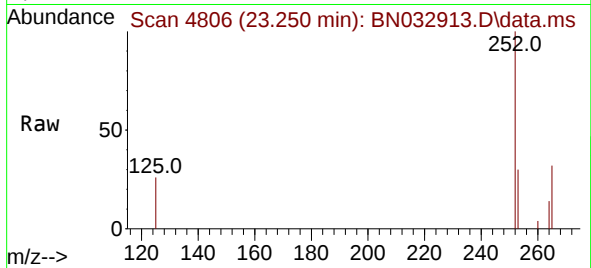
Tgt Ion:252 Resp: 27472
Ion Ratio Lower Upper
252 100
253 26.5 21.2 31.8
125 21.7 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.250 min Scan# 4809
Delta R.T. -0.013 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31

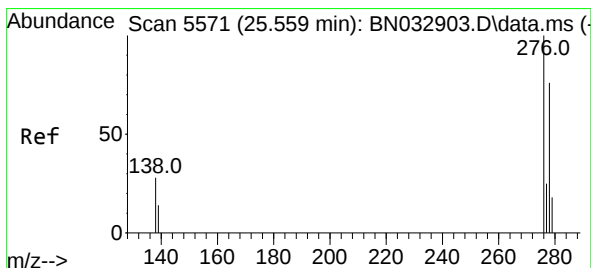
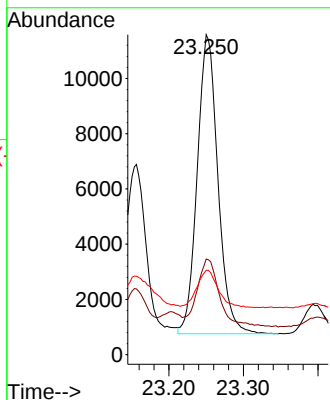
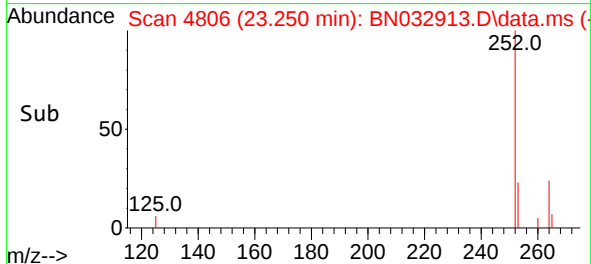
Instrument :
BNA_N
ClientSampleId :
A4BT4DL



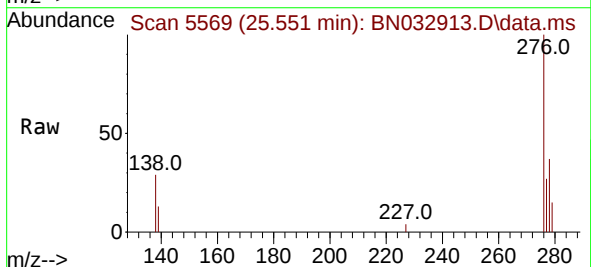
Tgt Ion:252 Resp: 2084
Ion Ratio Lower Upper
252 100
253 29.9 25.4 38.0
125 26.4 20.6 30.8

Manual Integrations
APPROVED

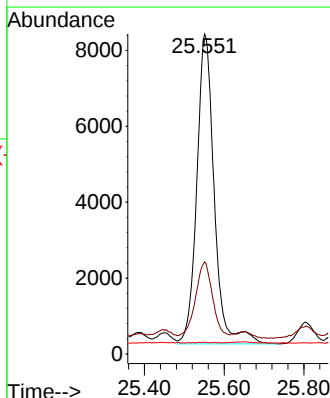
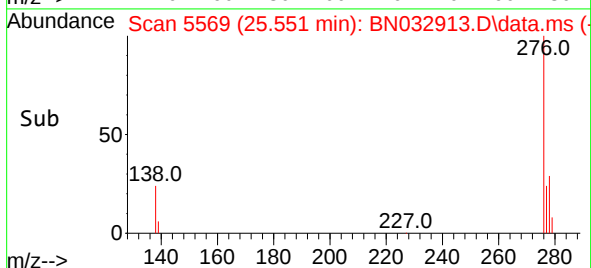
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

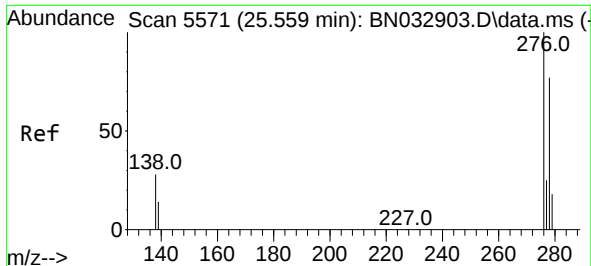


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 25.551 min Scan# 5569
Delta R.T. -0.018 min
Lab File: BN032913.D
Acq: 23 Jul 2024 16:31



Tgt Ion:276 Resp: 24826
Ion Ratio Lower Upper
276 100
138 23.5 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.182 ng/ul

RT: 25.548 min Scan# 5568

Delta R.T. -0.022 min

Lab File: BN032913.D

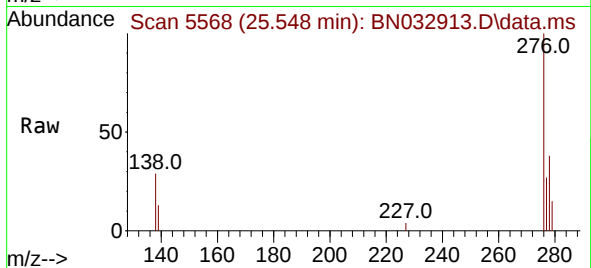
Acq: 23 Jul 2024 16:31

Instrument :

BNA_N

ClientSampleId :

A4BT4DL



Tgt Ion:278 Resp: 9489

Ion Ratio Lower Upper

278 100

139 34.8 16.6 24.8

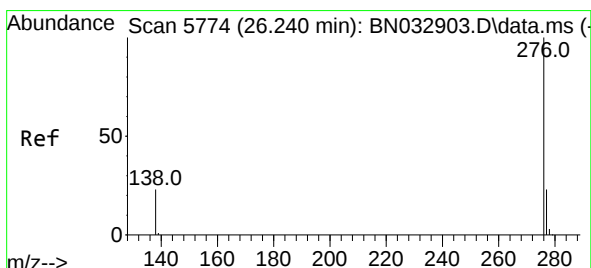
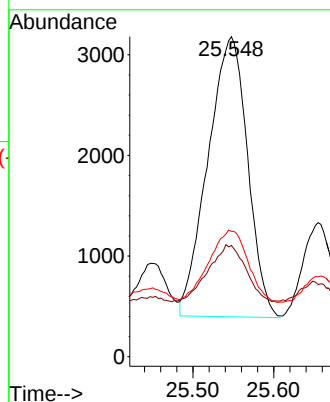
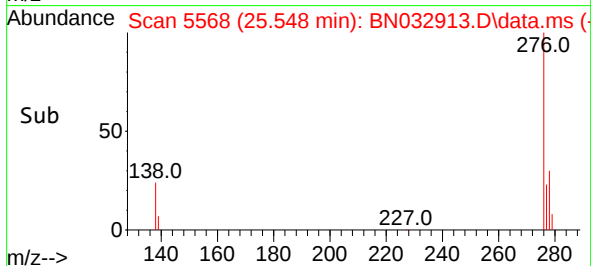
279 39.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/26/2024



#29

Benzo(g,h,i)perylene

Concen: 0.056 ng/ul

RT: 26.235 min Scan# 5773

Delta R.T. -0.015 min

Lab File: BN032913.D

Acq: 23 Jul 2024 16:31

Tgt Ion:276 Resp: 3171

Ion Ratio Lower Upper

276 100

138 54.5 21.0 31.4#

277 45.0 20.6 31.0#

