

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032915.D
 Acq On : 23 Jul 2024 17:43
 Operator : MA/JU
 Sample : P3178-06DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 18:53:01 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	5816	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	19925	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.175	164	11103	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	19379	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	13950	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	17214	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	3686	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	1198	0.040	ng/ul	-0.01
18) Fluoranthene-d10	18.980	212	1920	0.042	ng/ul	-0.02
Target Compounds						
						Qvalue
10) Acenaphthylene	13.897	152	1031	0.023	ng/ul#	79
11) Acenaphthene	14.239	153	843	0.023	ng/ul	98
12) Fluorene	15.239	166	926	0.022	ng/ul#	96
15) Phenanthrene	16.978	178	15079	0.286	ng/ul	100
16) Anthracene	17.071	178	2846	0.066	ng/ul#	85
19) Fluoranthene	19.013	202	32074	0.566	ng/ul	99
20) Pyrene	19.375	202	19174	0.327	ng/ul	97
21) Benzo(a)anthracene	21.144	228	14694m	0.331	ng/ul	
22) Chrysene	21.194	228	14371	0.224	ng/ul	94
24) Benzo(b)fluoranthene	22.693	252	23978m	0.395	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	9226m	0.125	ng/ul	
26) Benzo(a)pyrene	23.254	252	6019	0.115	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.559	276	7735	0.109	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.556	278	2751	0.050	ng/ul#	22

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

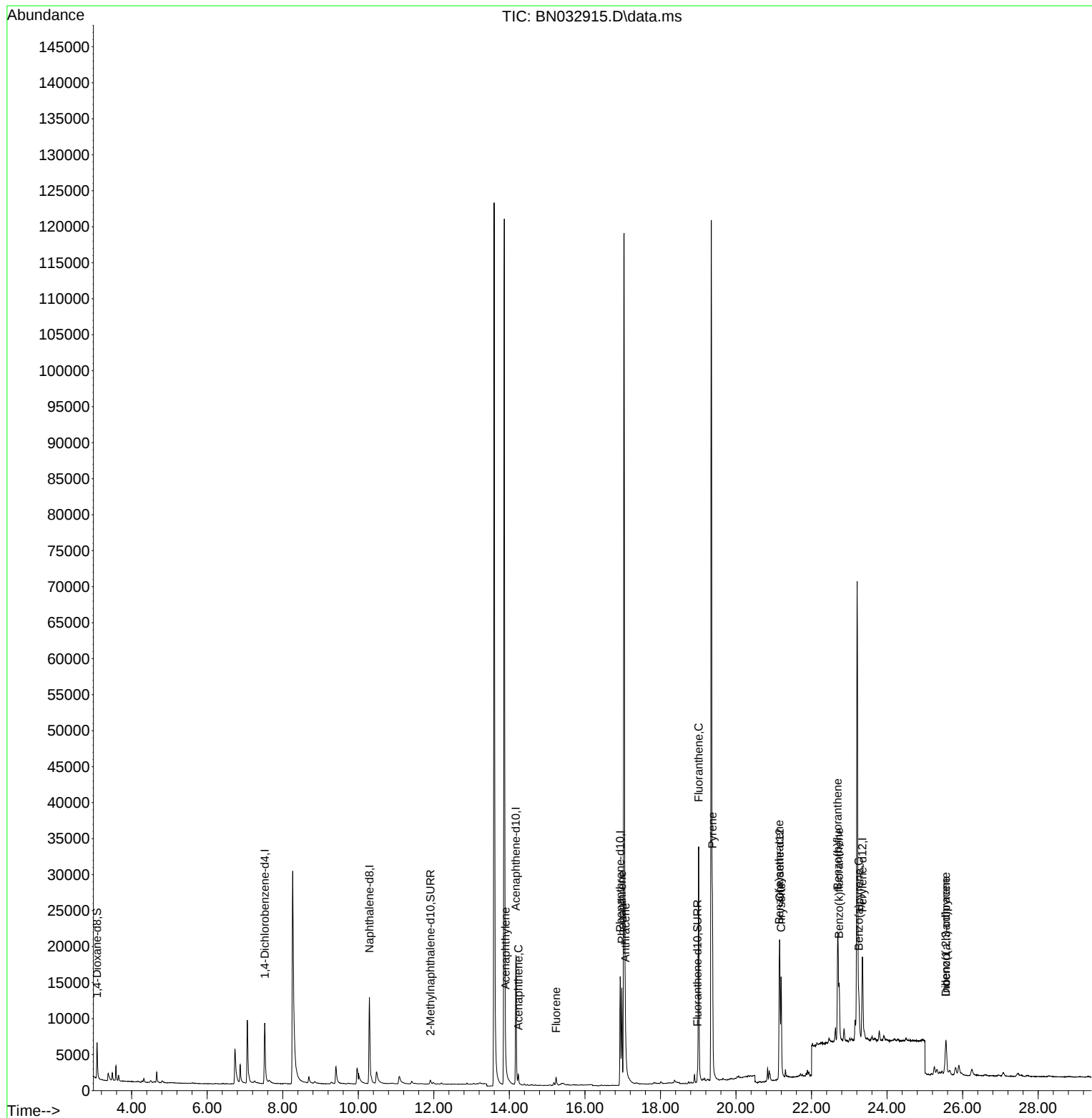
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032915.D
Acq On : 23 Jul 2024 17:43
Operator : MA/JU
Sample : P3178-06DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

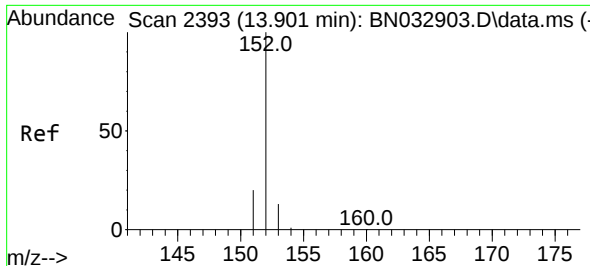
Instrument :
BNA_N
ClientSampleId :
A4BT1DL

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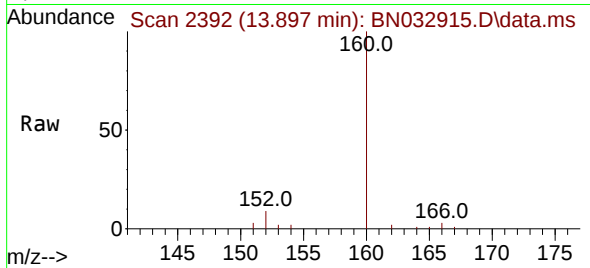
Quant Time: Jul 23 18:53:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.897 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

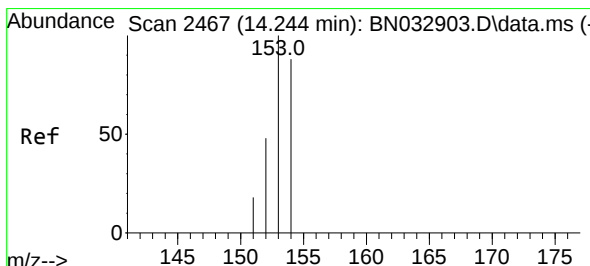
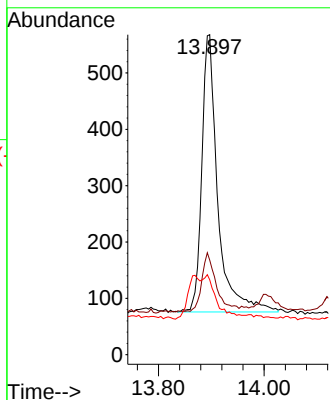
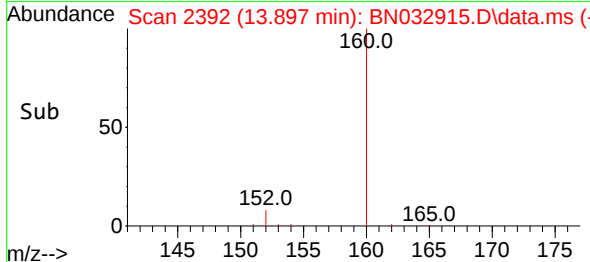
Instrument :
BNA_N
ClientSampleId :
A4BT1DL



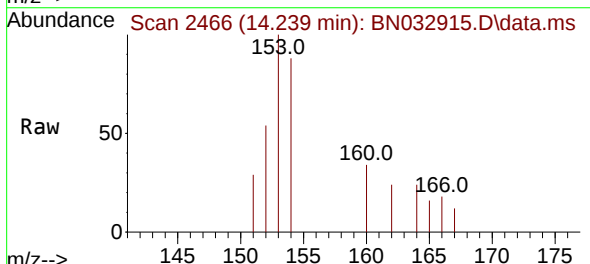
Tgt Ion:152 Resp: 103
Ion Ratio Lower Upper
152 100
151 29.6 16.3 24.5
153 23.4 11.3 16.9

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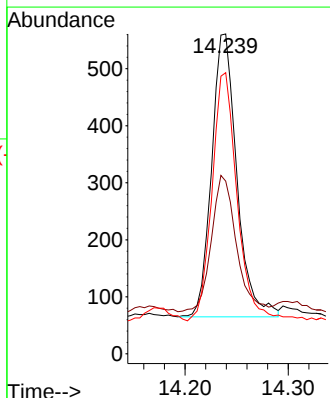
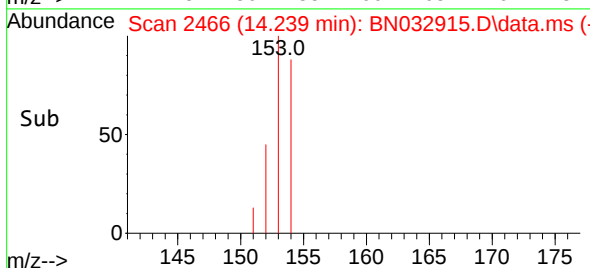
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

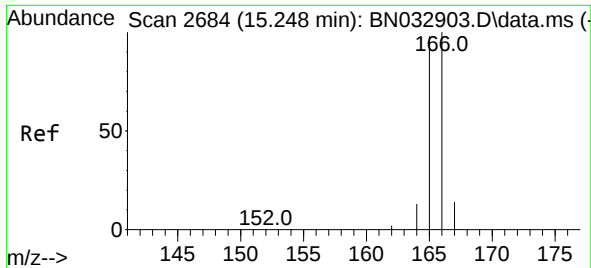


#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43



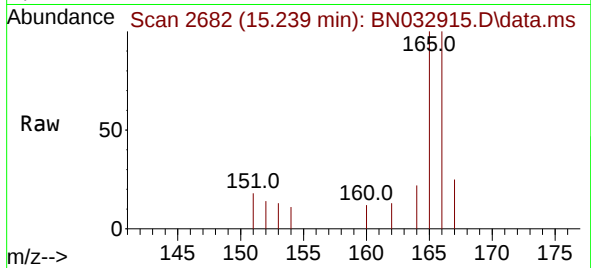
Tgt Ion:153 Resp: 843
Ion Ratio Lower Upper
153 100
152 54.0 40.0 60.0
154 87.9 70.2 105.4





#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.239 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

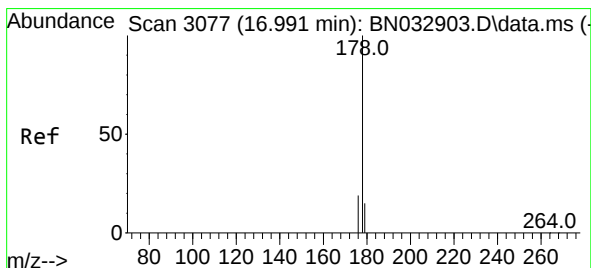
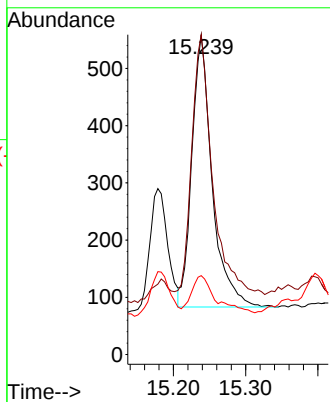
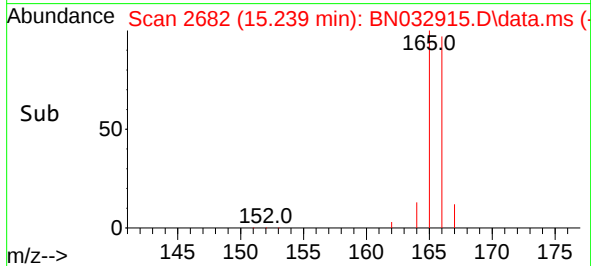
Instrument :
BNA_N
ClientSampleId :
A4BT1DL



Tgt Ion:166 Resp: 920
Ion Ratio Lower Upper
166 100
165 100.2 79.7 119.5
167 24.7 11.4 17.2

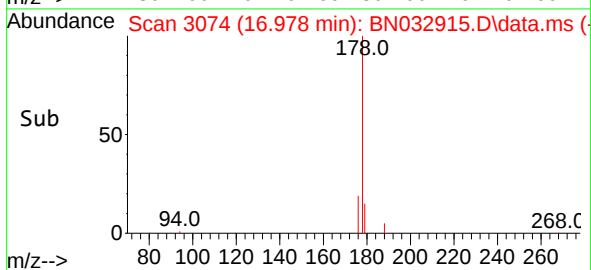
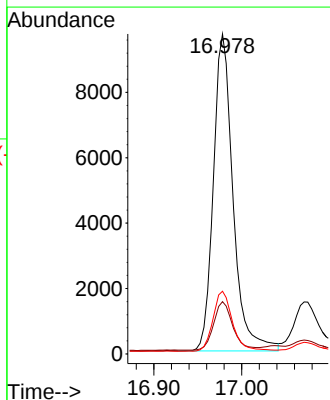
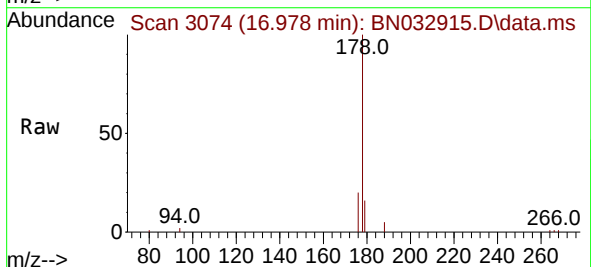
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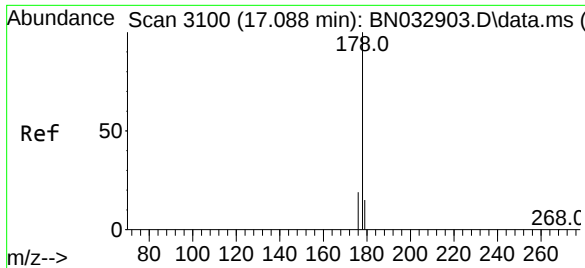
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.286 ng/u1
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

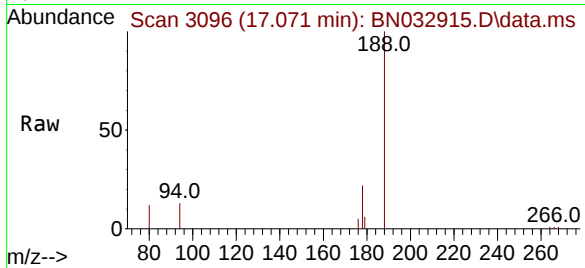
Tgt Ion:178 Resp: 15079
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 0.066 ng/ul
 RT: 17.071 min Scan# 3096
 Delta R.T. -0.028 min
 Lab File: BN032915.D
 Acq: 23 Jul 2024 17:43

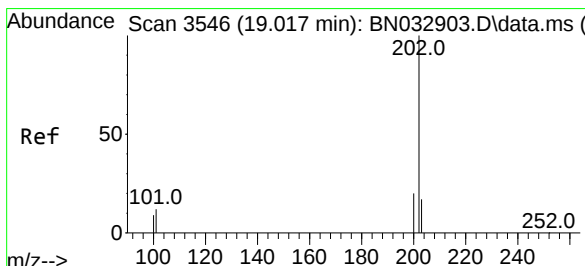
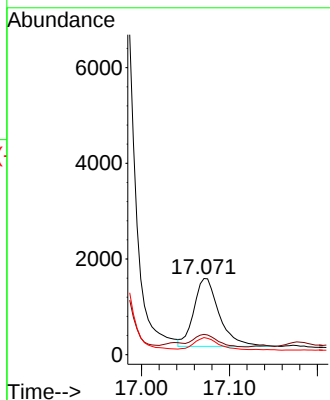
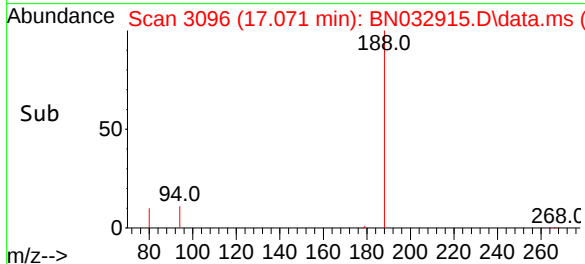
Instrument :
 BNA_N
 ClientSampleId :
 A4BT1DL



Tgt Ion:178 Resp: 2840
 Ion Ratio Lower Upper
 178 100
 179 26.8 13.4 20.2
 176 22.4 15.4 23.0

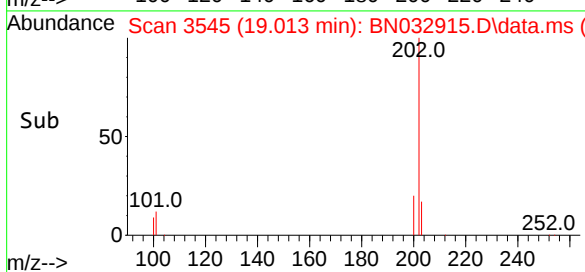
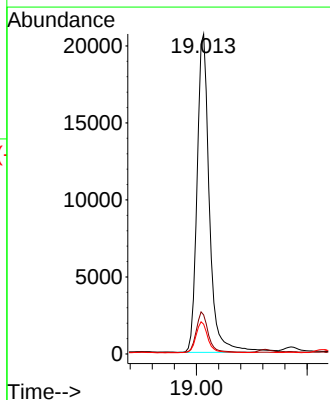
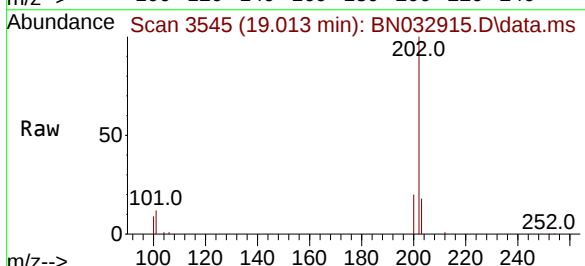
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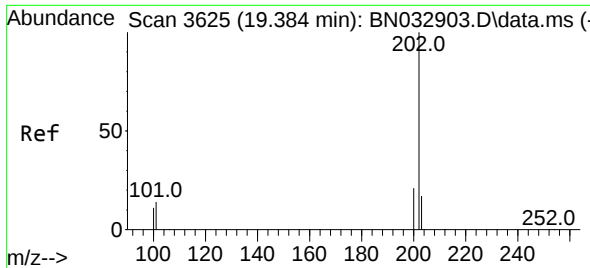
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 0.566 ng/ul
 RT: 19.013 min Scan# 3545
 Delta R.T. -0.012 min
 Lab File: BN032915.D
 Acq: 23 Jul 2024 17:43

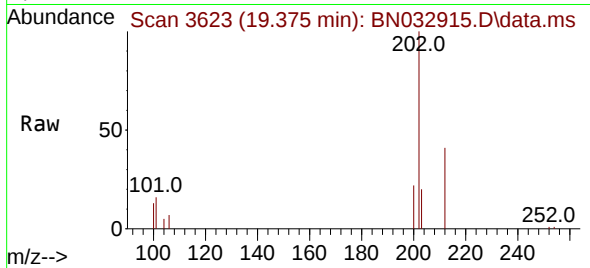
Tgt Ion:202 Resp: 32074
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.8 14.8
 100 9.3 7.9 11.9





#20
Pyrene
Concen: 0.327 ng/ul
RT: 19.375 min Scan# 30
Delta R.T. -0.017 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

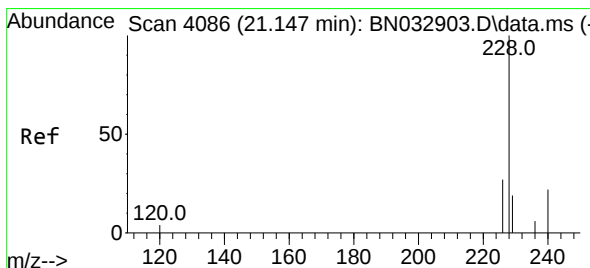
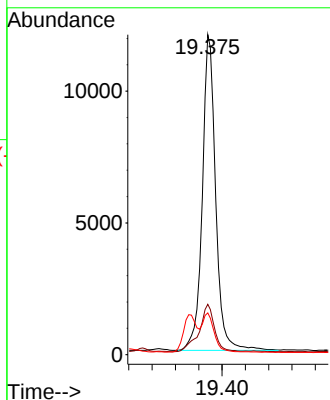
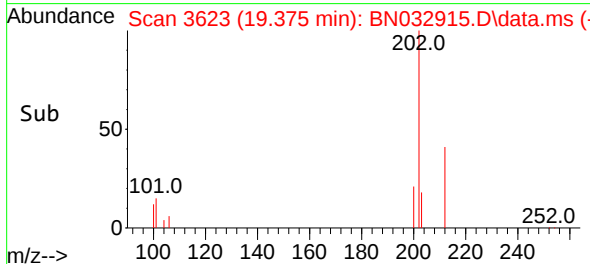
Instrument :
BNA_N
ClientSampleId :
A4BT1DL



Tgt Ion:202 Resp: 19174
Ion Ratio Lower Upper
202 100
101 15.7 11.8 17.6
100 13.1 9.6 14.4

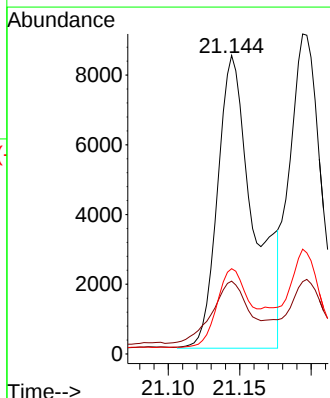
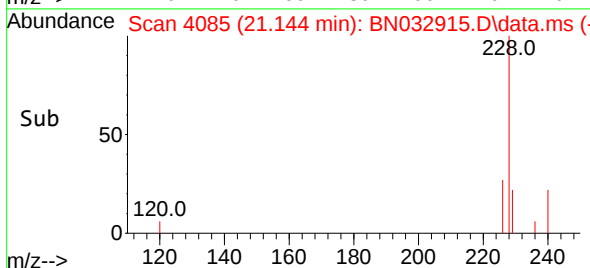
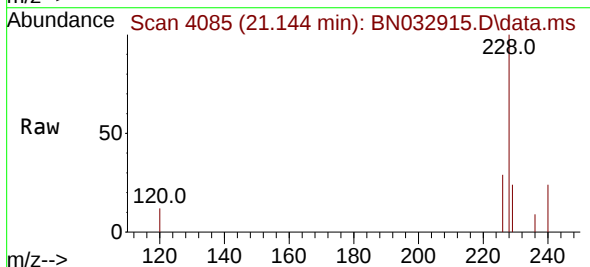
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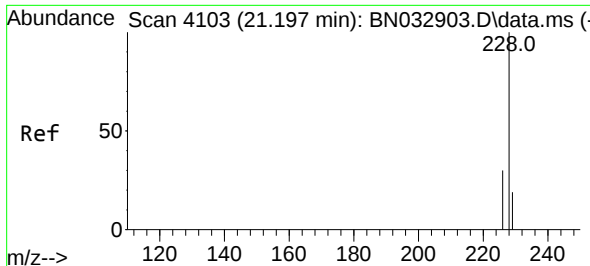
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#21
Benzo(a)anthracene
Concen: 0.331 ng/ul m
RT: 21.144 min Scan# 4085
Delta R.T. -0.006 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

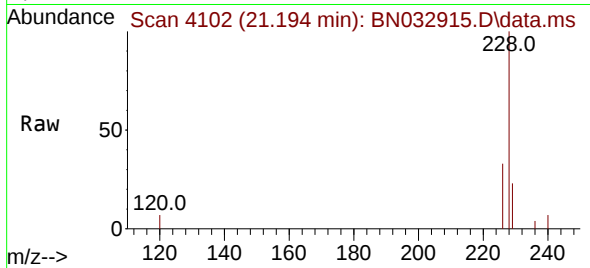
Tgt Ion:228 Resp: 14694
Ion Ratio Lower Upper
228 100
229 24.4 16.1 24.1#
226 28.6 21.9 32.9





#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

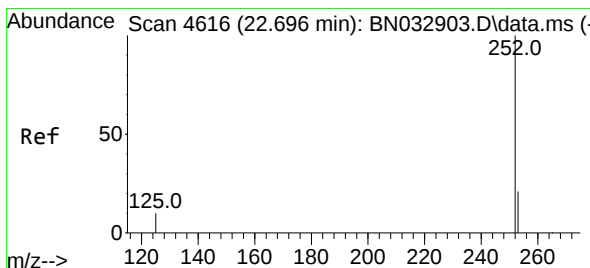
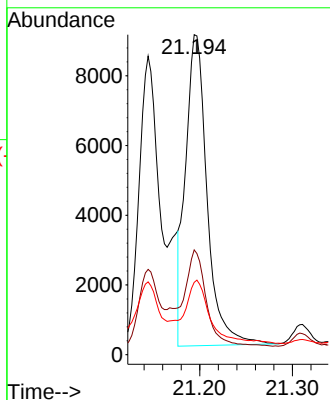
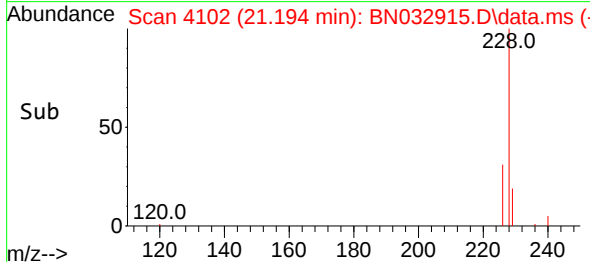
Instrument :
BNA_N
ClientSampleId :
A4BT1DL



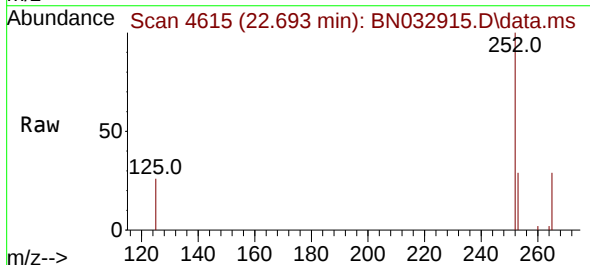
Tgt Ion:228 Resp: 1437
Ion Ratio Lower Upper
228 100
226 32.8 24.0 36.0
229 22.6 15.8 23.6

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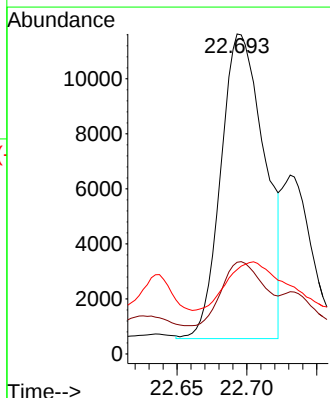
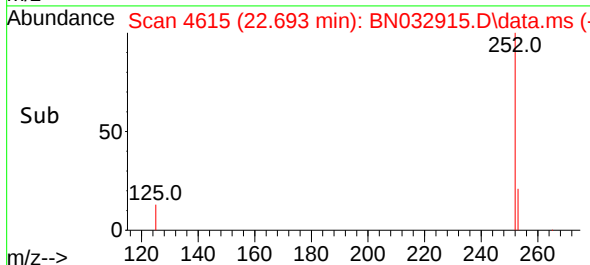
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

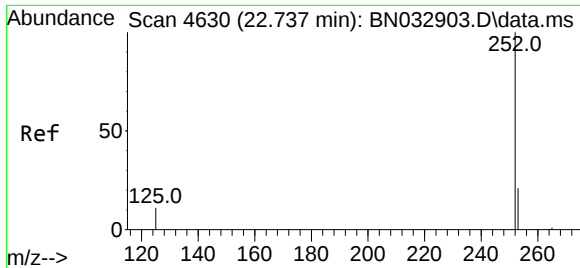


#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43



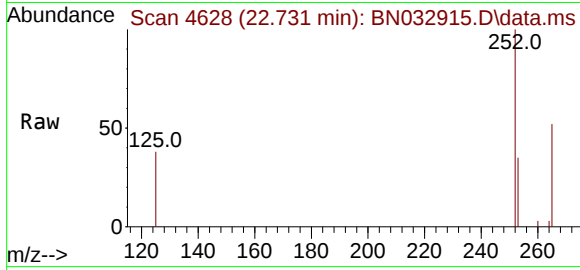
Tgt Ion:252 Resp: 23978
Ion Ratio Lower Upper
252 100
253 28.6 0.0 54.0
125 26.3 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

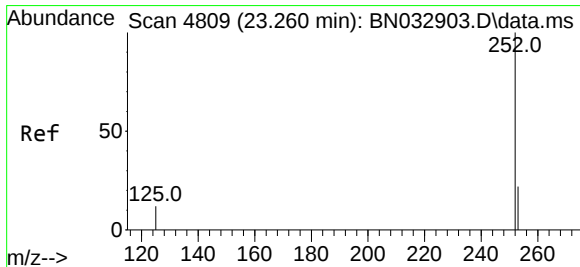
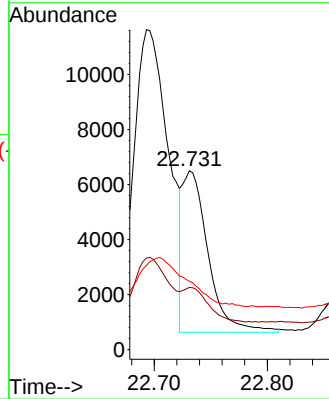
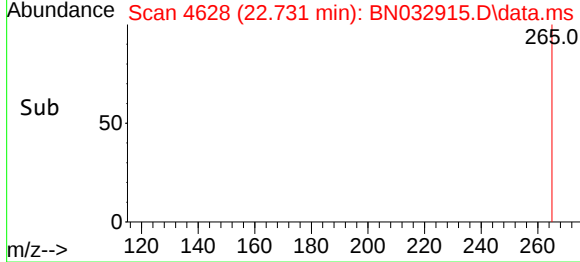
Instrument :
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A4BT1DL



Tgt Ion:252 Resp: 9220
Ion Ratio Lower Upper
252 100
253 34.8 21.2 31.8#
125 38.3 14.8 22.2#

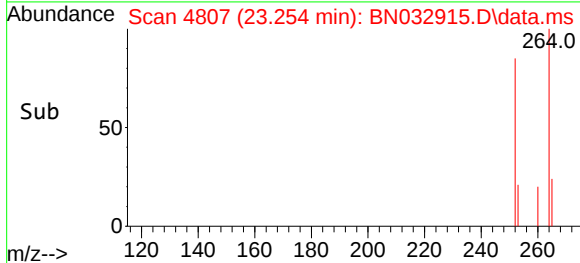
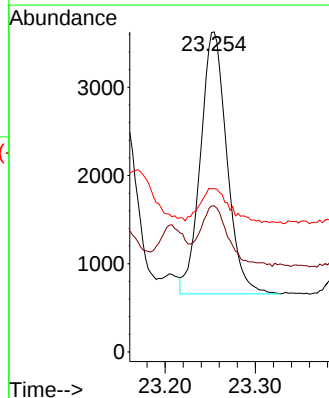
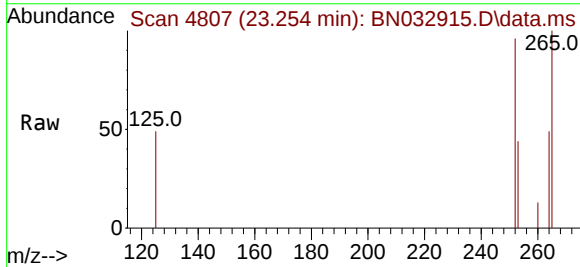
Manual Integrations
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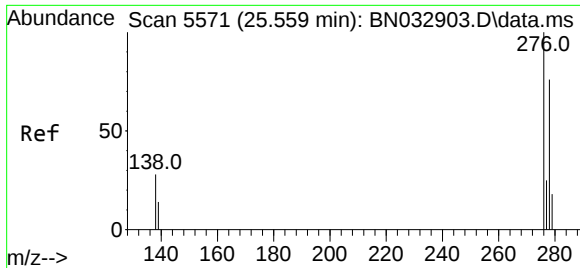
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 0.115 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

Tgt Ion:252 Resp: 6019
Ion Ratio Lower Upper
252 100
253 45.6 25.4 38.0#
125 51.0 20.6 30.8#





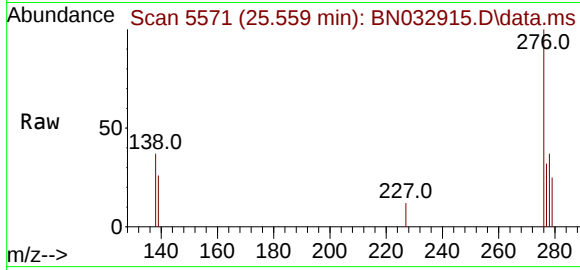
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.010 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43

Instrument :

BNA_N

ClientSampleId :

A4BT1DL

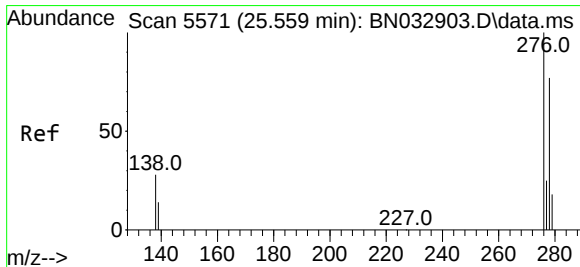
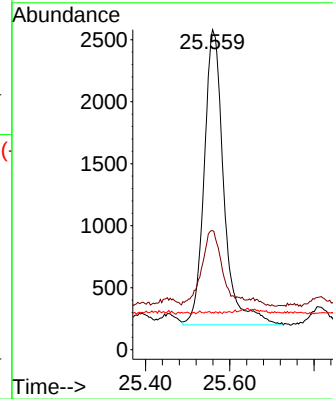
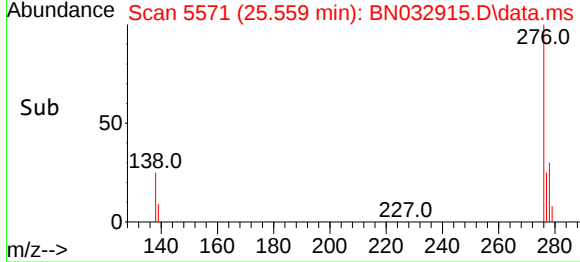


Tgt Ion:276 Resp: 773
Ion Ratio Lower Upper
276 100
138 28.7 21.6 32.4
227 0.1 0.0 0.0

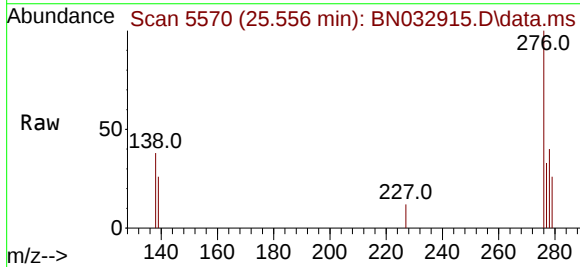
Manual Integrations

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Supervised By :mohammad ahmed 07/26/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 25.556 min Scan# 5570
Delta R.T. -0.014 min
Lab File: BN032915.D
Acq: 23 Jul 2024 17:43



Tgt Ion:278 Resp: 2751
Ion Ratio Lower Upper
278 100
139 66.4 16.6 24.8#
279 64.0 23.7 35.5#

