

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032919.D
 Acq On : 23 Jul 2024 20:07
 Operator : MA/JU
 Sample : P3238-11DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 01:11:13 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	5384	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	18297	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.170	164	10928	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.932	188	18558	0.400	ng/ul	-0.03
17) Chrysene-d12	21.150	240	13297	0.400	ng/ul	#-0.01
23) Perylene-d12	23.339	264	16157	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	3720	0.575	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1103	0.040	ng/ul	-0.02
18) Fluoranthene-d10	18.971	212	1844	0.043	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.349	128	5101	0.104	ng/ul#	96
7) 2-Methylnaphthalene	11.982	142	2561	0.084	ng/ul	98
8) 1-Methylnaphthalene	12.197	142	2184	0.069	ng/ul	99
10) Acenaphthylene	13.892	152	8849	0.200	ng/ul	98
11) Acenaphthene	14.235	153	14994	0.411	ng/ul	99
12) Fluorene	15.234	166	13579	0.325	ng/ul	99
15) Phenanthrene	16.974	178	199430	3.946	ng/ul	98
16) Anthracene	17.071	178	47906	1.160	ng/ul	99
19) Fluoranthene	19.004	202	283989	5.253	ng/ul	99
20) Pyrene	19.371	202	197022	3.521	ng/ul	100
21) Benzo(a)anthracene	21.133	228	115008	2.717	ng/ul	99
22) Chrysene	21.185	228	113657	1.856	ng/ul	98
24) Benzo(b)fluoranthene	22.684	252	156163m	2.739	ng/ul	
25) Benzo(k)fluoranthene	22.722	252	60141m	0.866	ng/ul	
26) Benzo(a)pyrene	23.243	252	64578	1.309	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.542	276	63208	0.946	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.532	278	19019	0.367	ng/ul#	84
29) Benzo(g,h,i)perylene	26.226	276	8880	0.159	ng/ul#	77

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

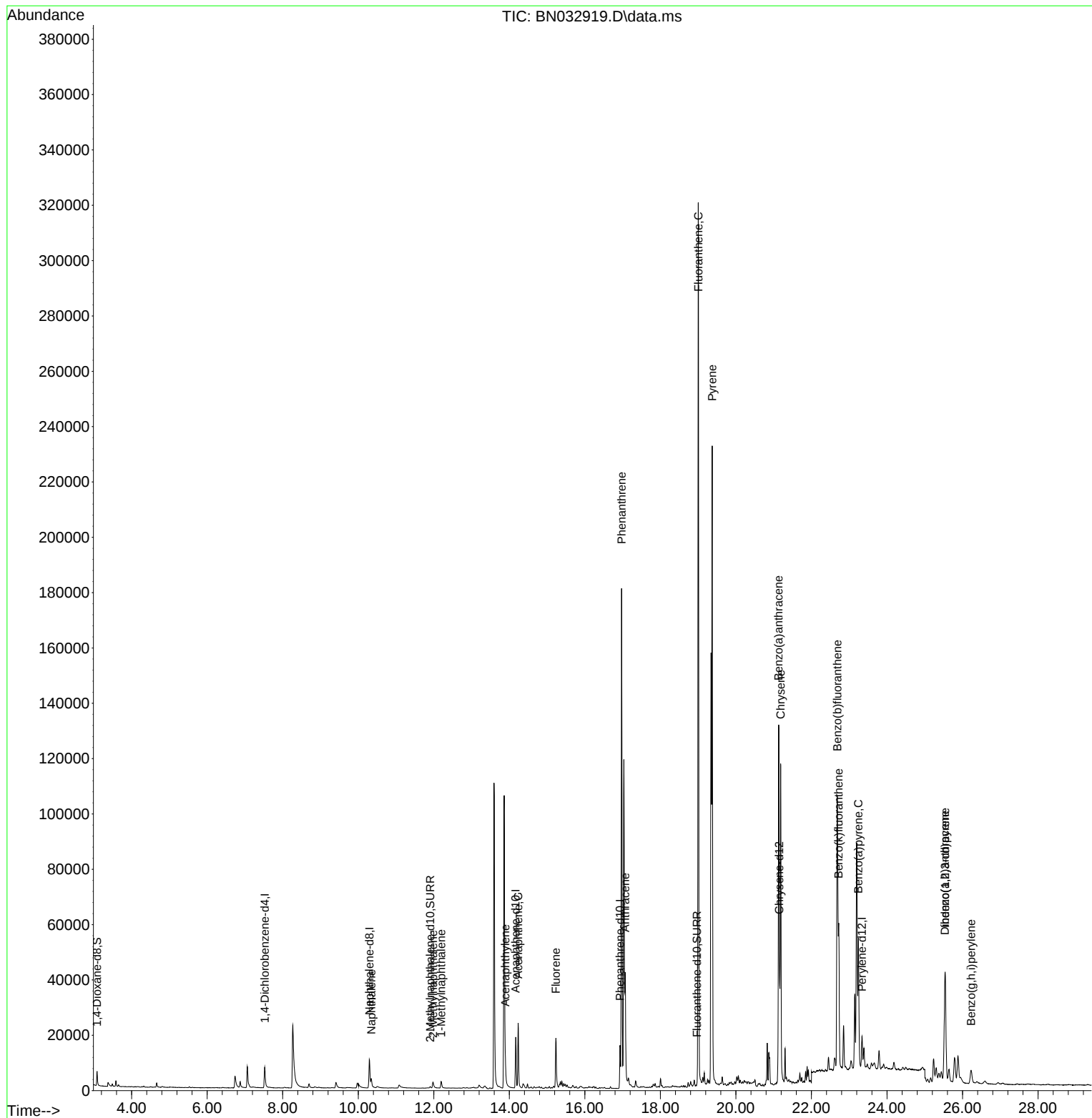
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032919.D
Acq On : 23 Jul 2024 20:07
Operator : MA/JU
Sample : P3238-11DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

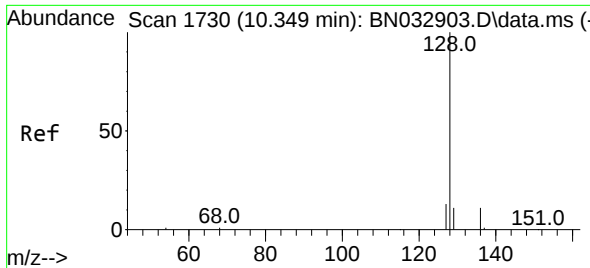
Instrument :
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Supervised By :mohammad ahmed 07/26/2024

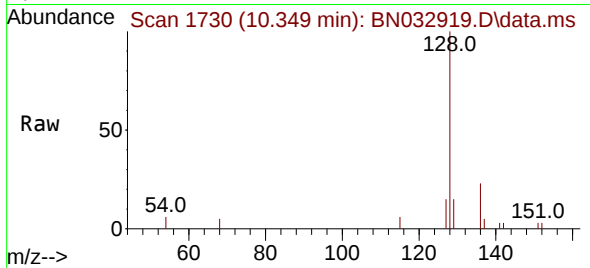
Quant Time: Jul 24 01:11:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. -0.015 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

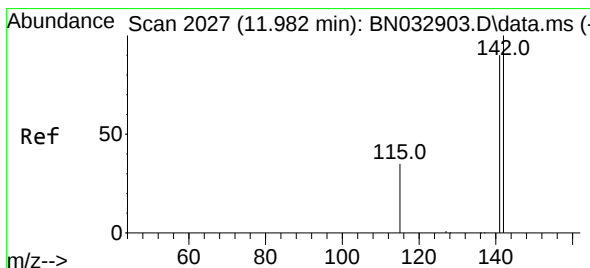
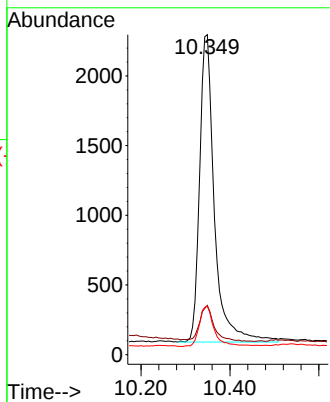
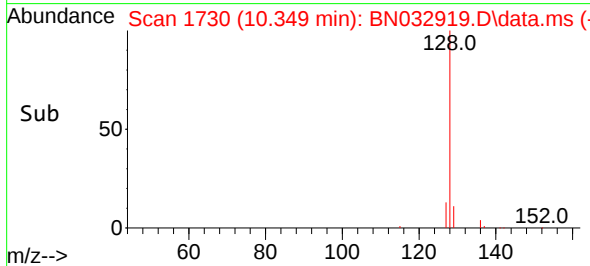
Instrument :
BNA_N
ClientSampleId :
A4BF7DL



Tgt Ion:128 Resp: 510
Ion Ratio Lower Upper
128 100
129 15.4 10.0 15.0
127 15.2 11.6 17.4

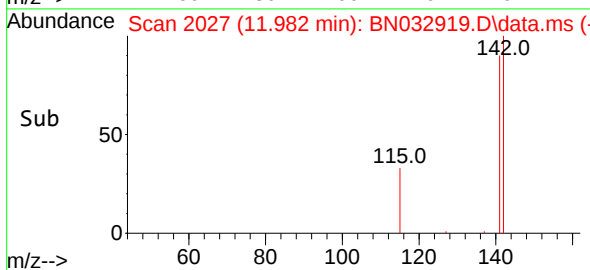
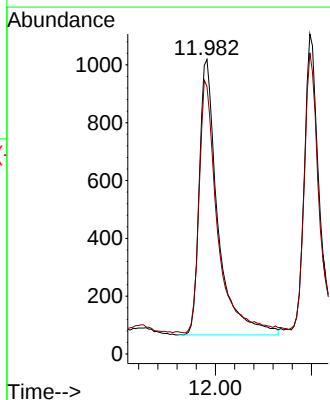
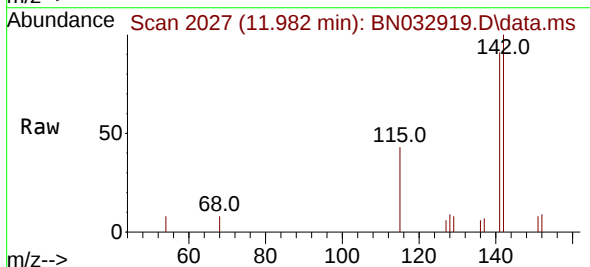
Manual Integrations
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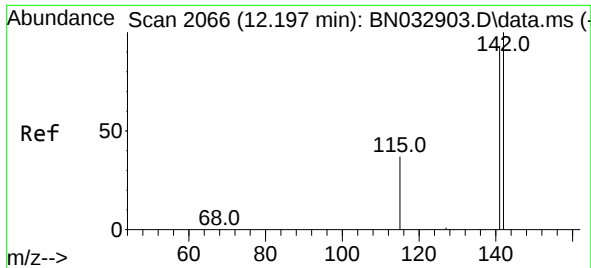
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 11.982 min Scan# 2027
Delta R.T. -0.015 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

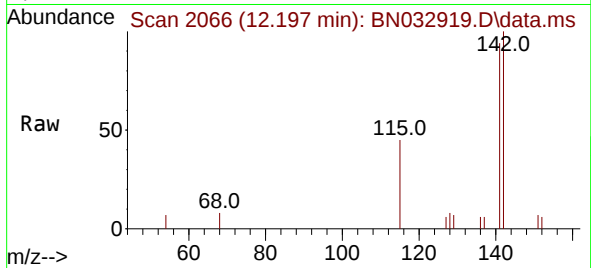
Tgt Ion:142 Resp: 2561
Ion Ratio Lower Upper
142 100
141 91.0 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

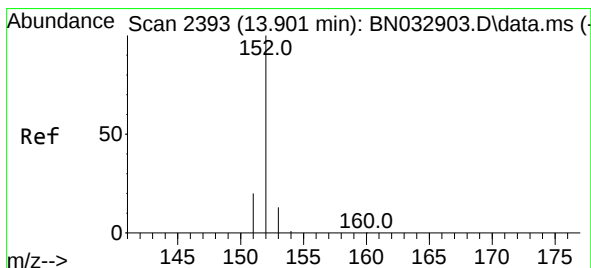
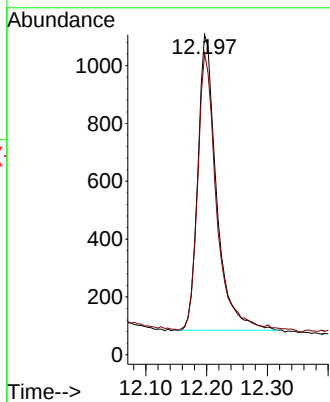
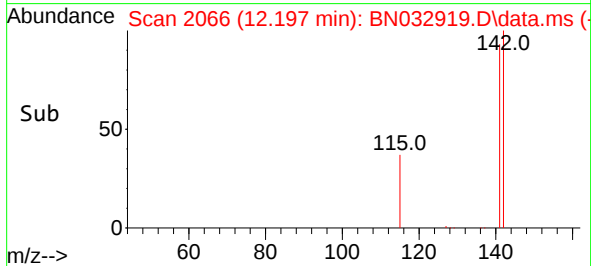
Instrument :
BNA_N
ClientSampleId :
A4BF7DL



Tgt Ion:142 Resp: 2184
Ion Ratio Lower Upper
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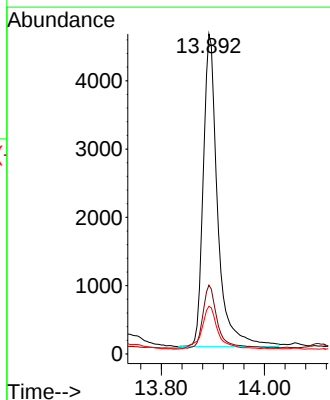
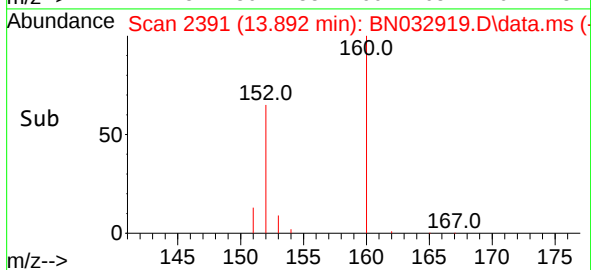
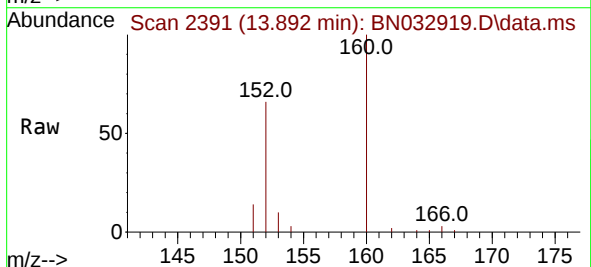
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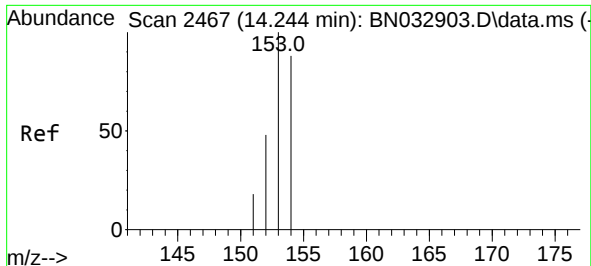
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.200 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

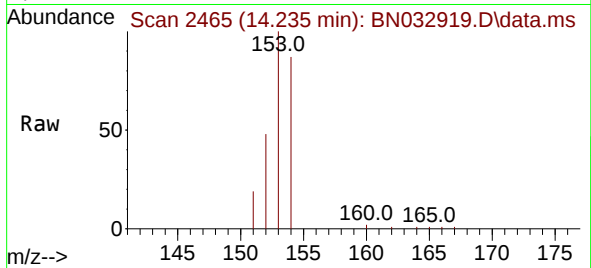
Tgt Ion:152 Resp: 8849
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.9 11.3 16.9





#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.235 min Scan# 2467
Delta R.T. -0.017 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

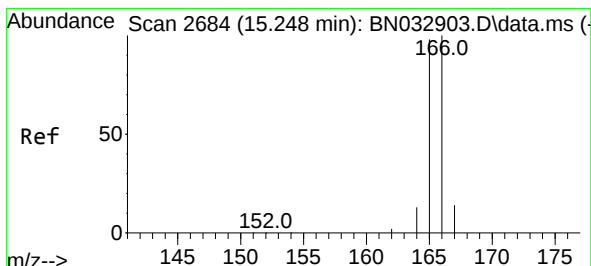
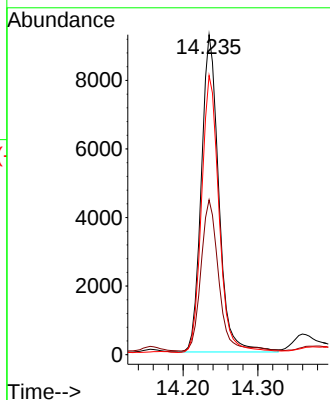
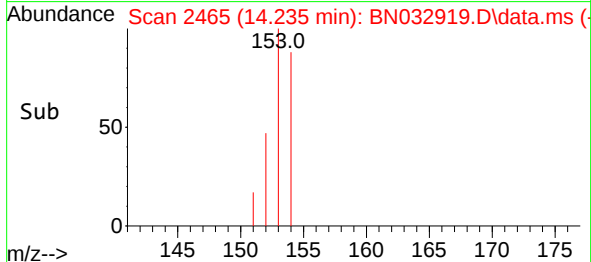
Instrument :
BNA_N
ClientSampleId :
A4BF7DL



Tgt Ion:153 Resp: 14994
Ion Ratio Lower Upper
153 100
152 48.4 40.0 60.0
154 87.3 70.2 105.4

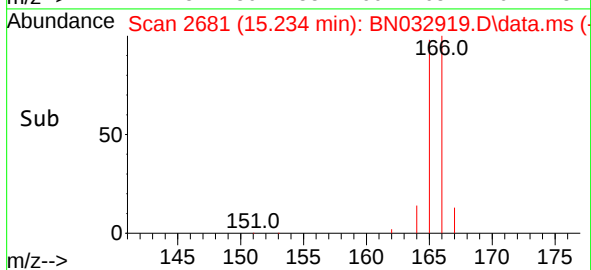
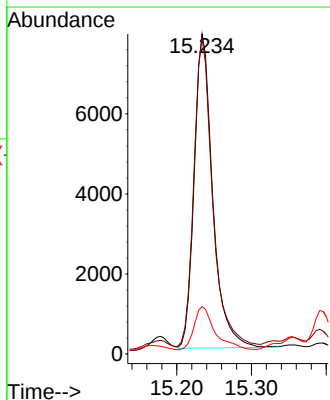
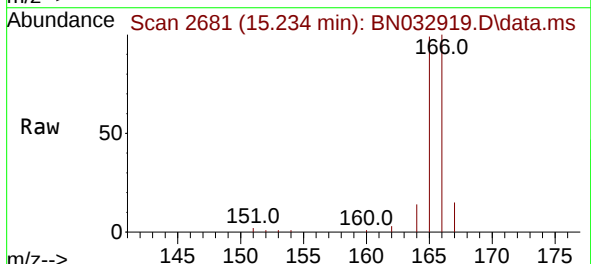
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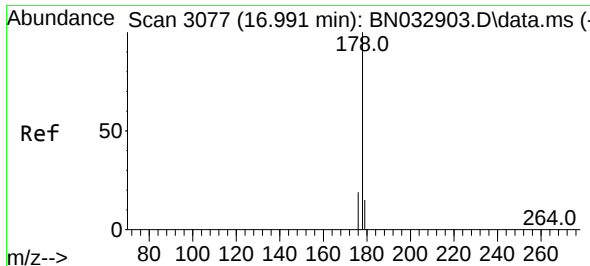
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.325 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

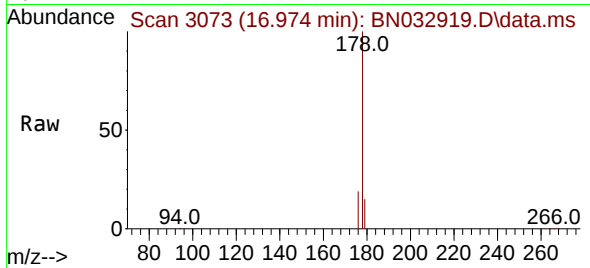
Tgt Ion:166 Resp: 13579
Ion Ratio Lower Upper
166 100
165 98.7 79.7 119.5
167 14.8 11.4 17.2





#15
Phenanthrene
Concen: 3.946 ng/ul
RT: 16.974 min Scan# 3073
Delta R.T. -0.028 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

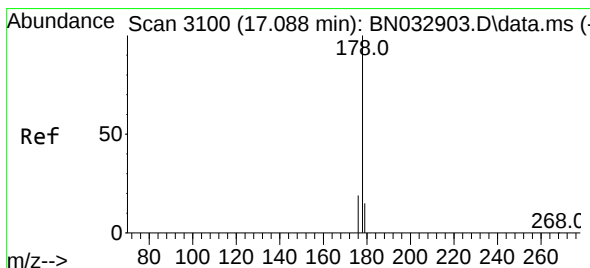
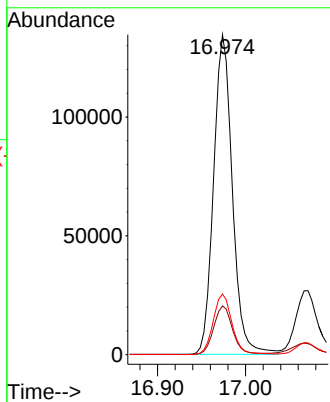
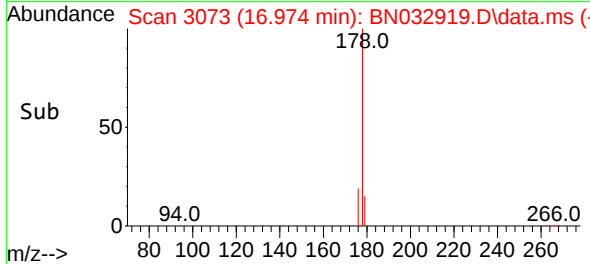
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BNA_N
ClientSampleId :
A4BF7DL



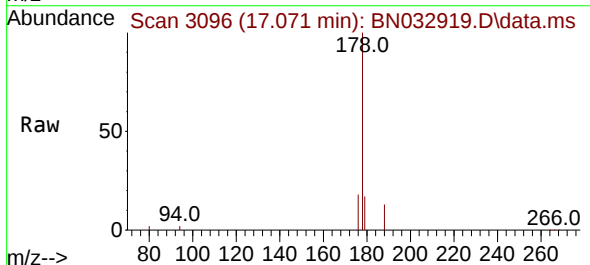
Tgt Ion:178 Resp: 199430
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 18.9 15.6 23.4

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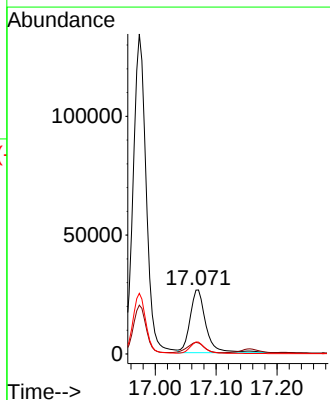
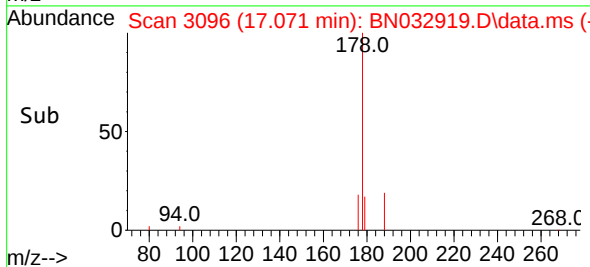
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

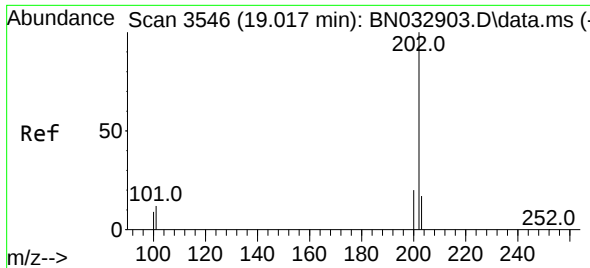


#16
Anthracene
Concen: 1.160 ng/ul
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07



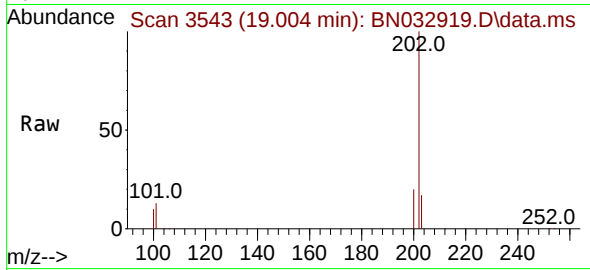
Tgt Ion:178 Resp: 47906
Ion Ratio Lower Upper
178 100
179 17.3 13.4 20.2
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 5.253 ng/u1
RT: 19.004 min Scan# 3543
Delta R.T. -0.022 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

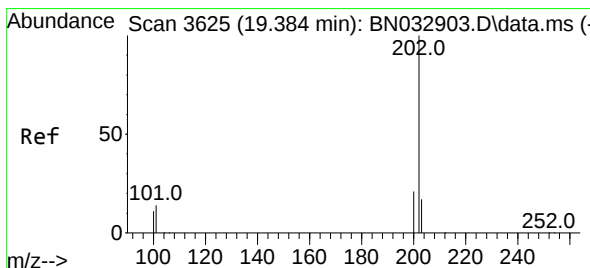
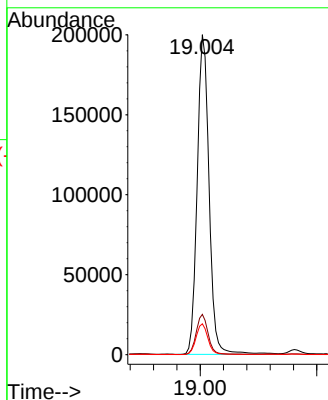
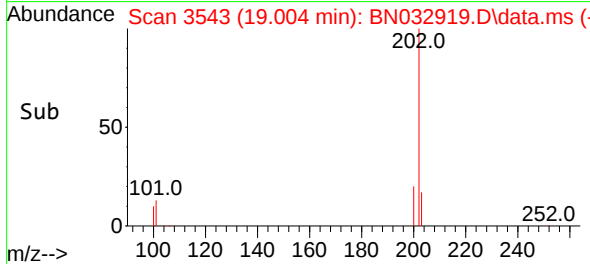
Instrument :
BNA_N
ClientSampleId :
A4BF7DL



Tgt Ion:202 Resp: 283989
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.7 7.9 11.9

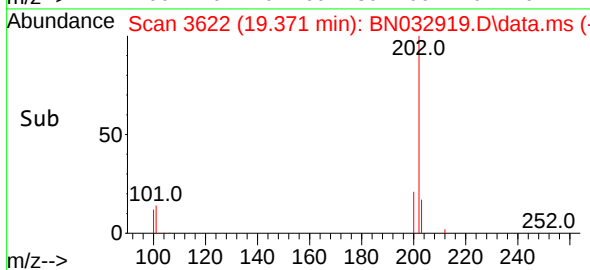
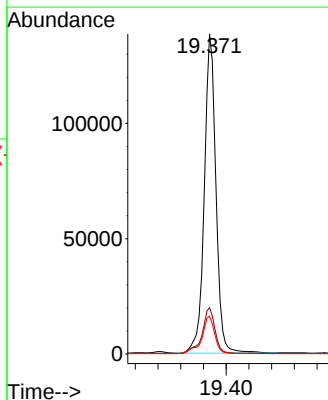
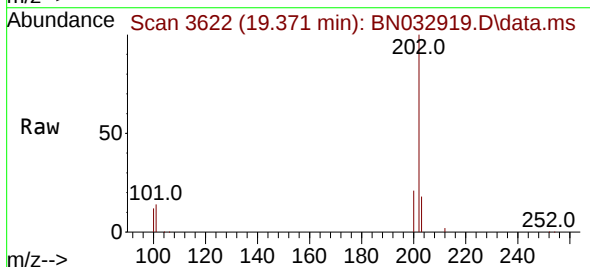
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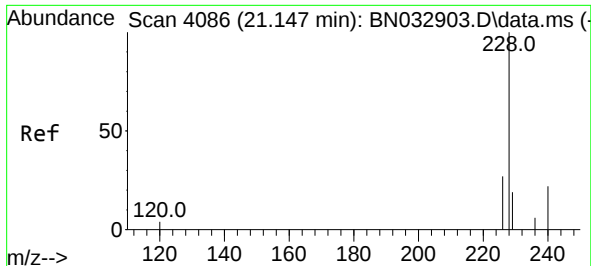
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 3.521 ng/u1
RT: 19.371 min Scan# 3622
Delta R.T. -0.022 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

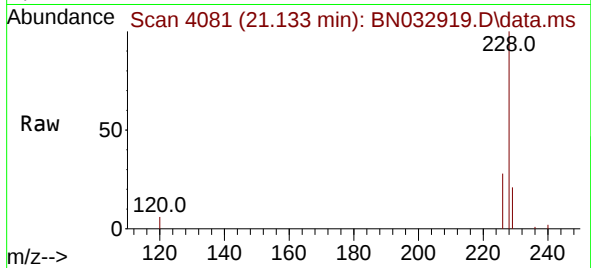
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Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.717 ng/ul
RT: 21.133 min Scan# 4086
Delta R.T. -0.018 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

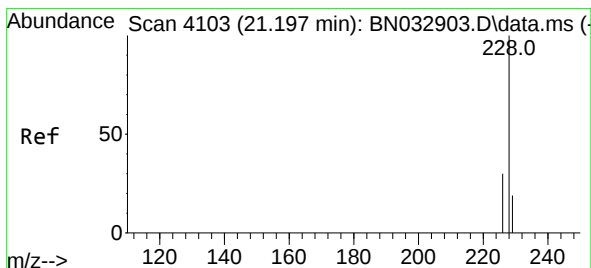
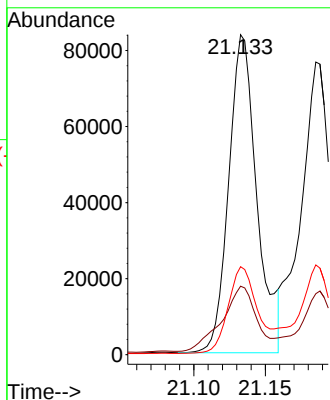
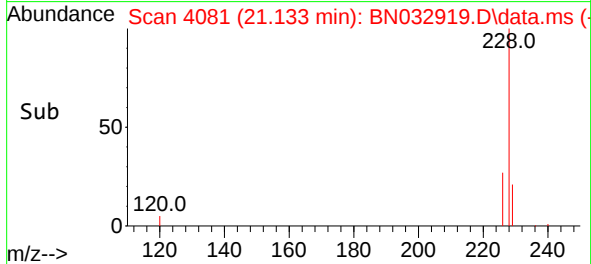
Instrument :
BNA_N
ClientSampleId :
A4BF7DL



Tgt Ion:228 Resp: 115008
Ion Ratio Lower Upper
228 100
229 21.4 16.1 24.1
226 27.5 21.9 32.9

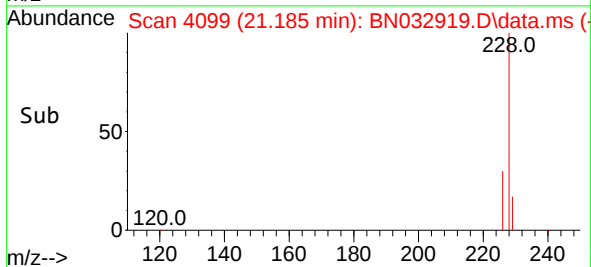
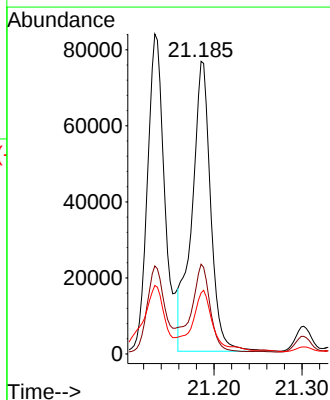
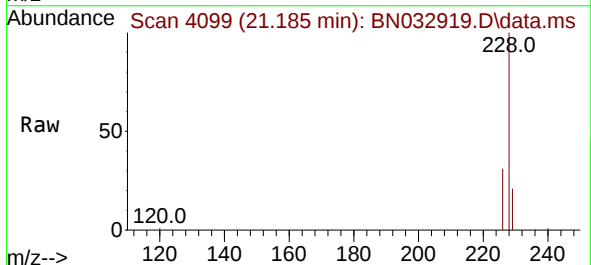
Manual Integrations
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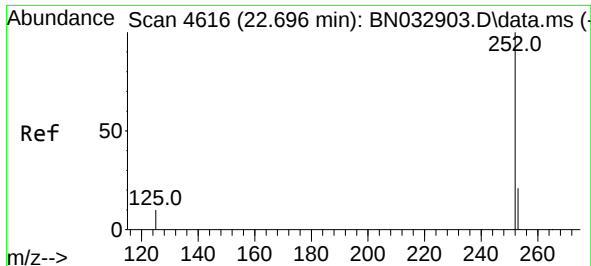
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 1.856 ng/ul
RT: 21.185 min Scan# 4099
Delta R.T. -0.018 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

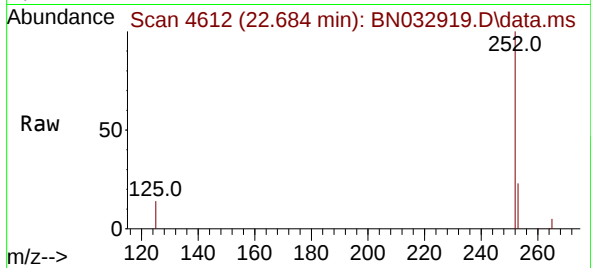
Tgt Ion:228 Resp: 113657
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 20.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.739 ng/ul m
RT: 22.684 min Scan# 4616
Delta R.T. -0.015 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

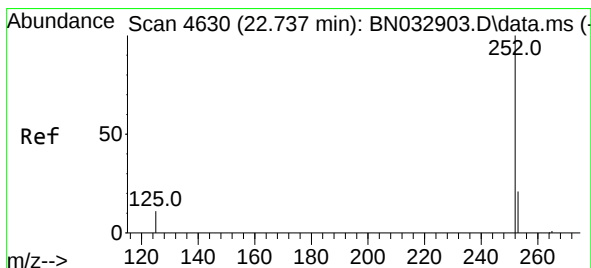
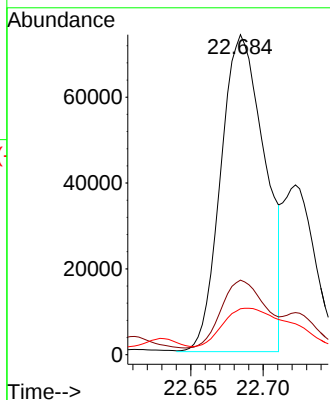
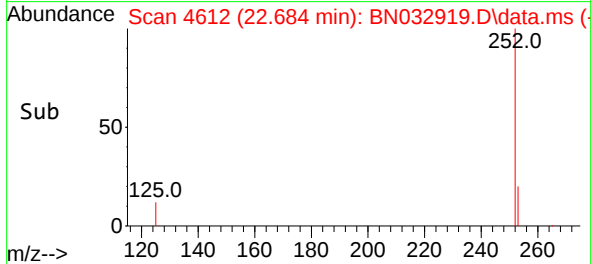
Instrument :
BNA_N
ClientSampleId :
A4BF7DL



Tgt Ion:252 Resp: 15616
Ion Ratio Lower Upper
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253 23.3 0.0 54.0
125 14.4 0.0 36.0

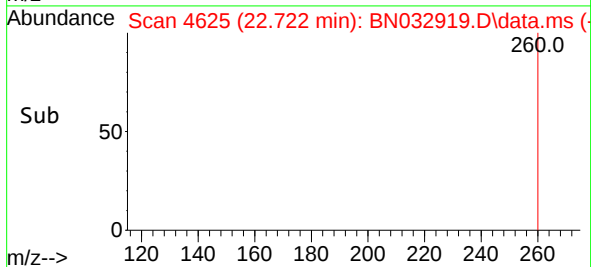
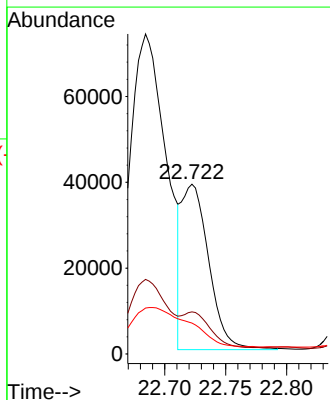
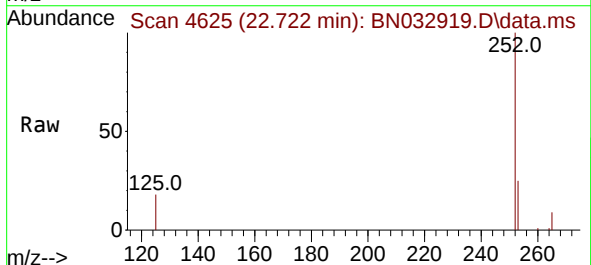
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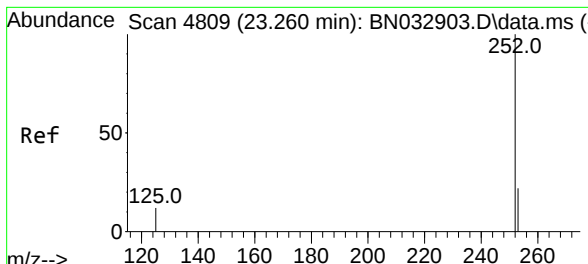
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.866 ng/ul m
RT: 22.722 min Scan# 4625
Delta R.T. -0.018 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

Tgt Ion:252 Resp: 60141
Ion Ratio Lower Upper
252 100
253 24.8 21.2 31.8
125 18.2 14.8 22.2





#26
 Benzo(a)pyrene
 Concen: 1.309 ng/ul
 RT: 23.243 min Scan# 4803
 Delta R.T. -0.021 min
 Lab File: BN032919.D
 Acq: 23 Jul 2024 20:07

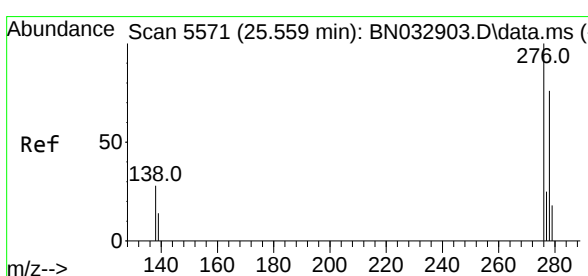
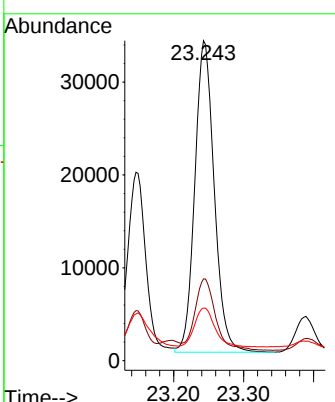
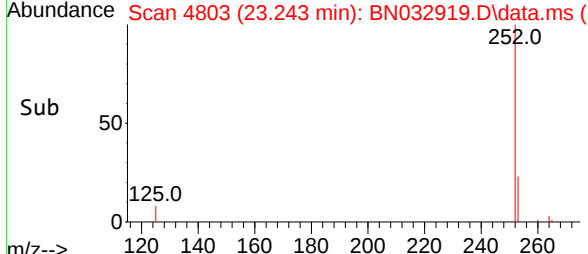
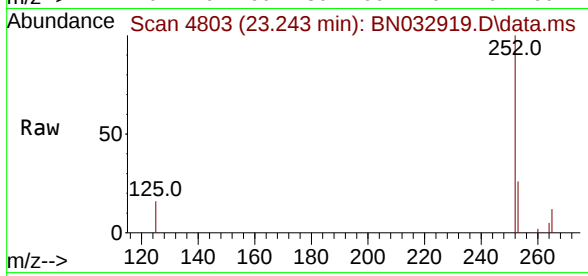
Instrument : BNA_N
 ClientSampleId : A4BF7DL

Tgt Ion:252 Resp: 64578

Ion	Ratio	Lower	Upper
252	100		
253	25.5	25.4	38.0
125	16.5	20.6	30.8

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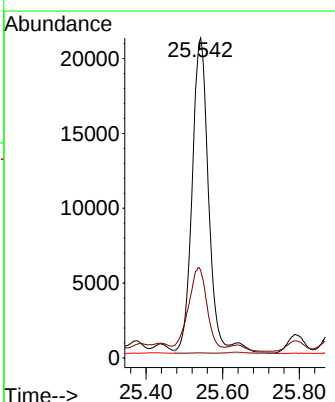
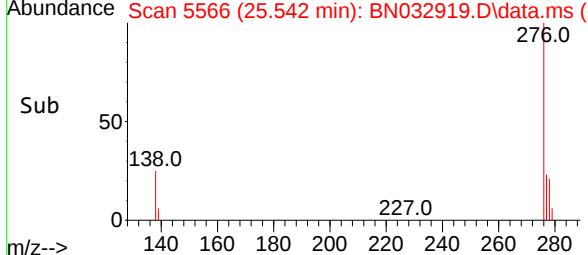
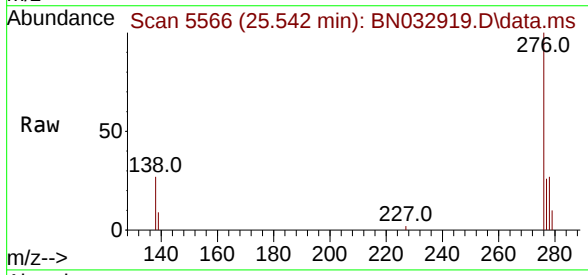
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

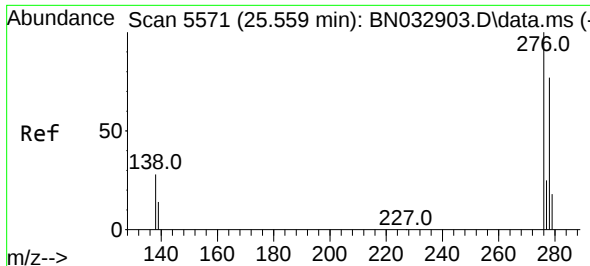


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.946 ng/ul
 RT: 25.542 min Scan# 5566
 Delta R.T. -0.027 min
 Lab File: BN032919.D
 Acq: 23 Jul 2024 20:07

Tgt Ion:276 Resp: 63208

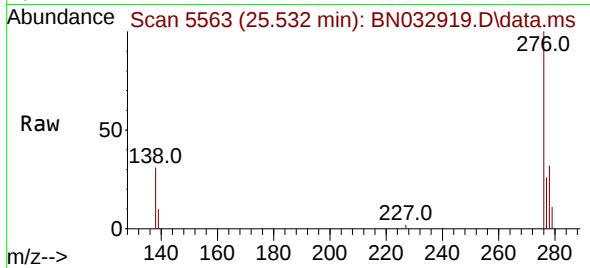
Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.6	32.4#
227	0.2	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 25.532 min Scan# 5563
Delta R.T. -0.037 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07

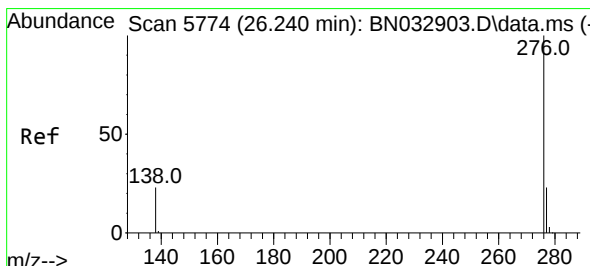
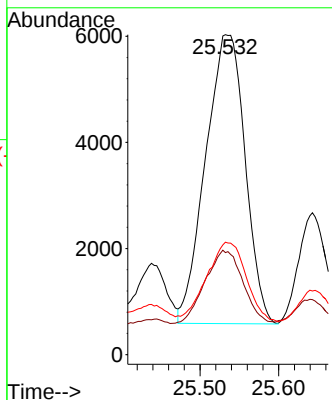
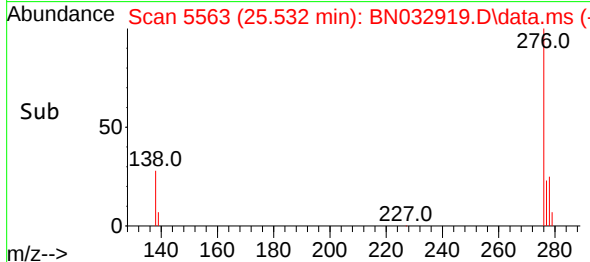
Instrument :
BNA_N
ClientSampleId :
A4BF7DL



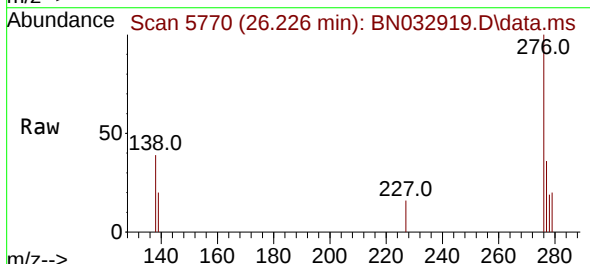
Tgt Ion:278 Resp: 19019
Ion Ratio Lower Upper
278 100
139 31.9 16.6 24.8#
279 35.1 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.159 ng/ul
RT: 26.226 min Scan# 5770
Delta R.T. -0.024 min
Lab File: BN032919.D
Acq: 23 Jul 2024 20:07



Tgt Ion:276 Resp: 8880
Ion Ratio Lower Upper
276 100
138 39.2 21.0 31.4#
277 36.3 20.6 31.0#

