

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032386.D
 Acq On : 02 Jul 2024 06:21
 Operator : MA/JU
 Sample : P2871-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 06:47:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 27 13:23:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8113	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	25985	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14534	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	25850m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	17896m	0.400	ng/ul	-0.01
23) Perylene-d12	23.426	264	18240m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	27311	3.029	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	8110	0.208	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	14815	0.275	ng/ul	-0.01
Target Compounds						
						Qvalue
10) Acenaphthylene	13.970	152	1452	0.024	ng/ul#	75
15) Phenanthrene	17.049	178	13713m	0.193	ng/ul	
16) Anthracene	17.138	178	3402m	0.054	ng/ul	
19) Fluoranthene	19.073	202	24403	0.358	ng/ul	96
20) Pyrene	19.440	202	22511m	0.316	ng/ul	
21) Benzo(a)anthracene	21.199	228	11430	0.177	ng/ul	94
22) Chrysene	21.249	228	10348m	0.146	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	15280m	0.193	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	5855m	0.076	ng/ul	
26) Benzo(a)pyrene	23.330	252	10706	0.194	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.669	276	7999	0.093	ng/ul	95
28) Dibenzo(a,h)anthracene	25.673	278	1863	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	26.347	276	7934	0.115	ng/ul#	85

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

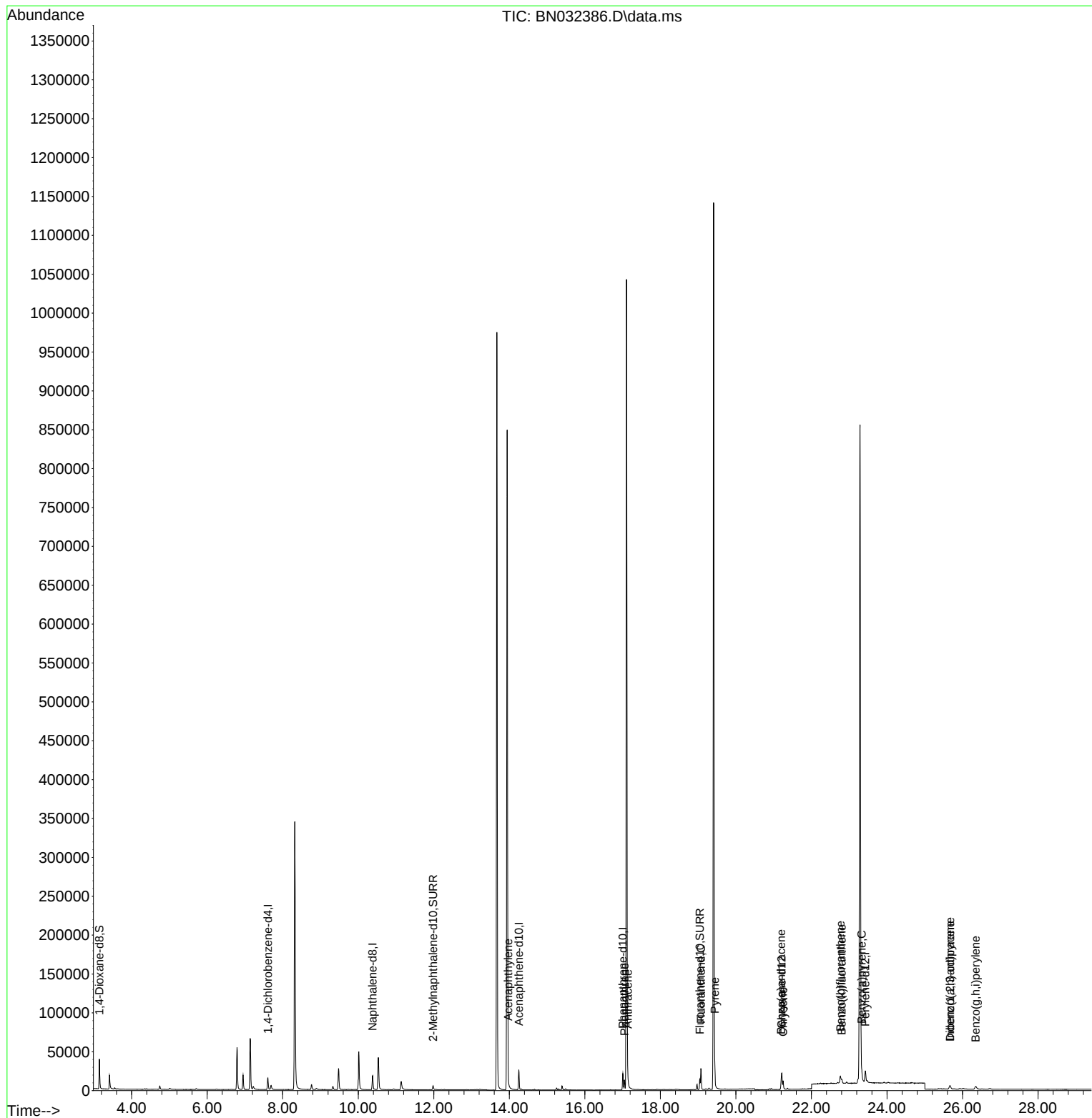
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032386.D
Acq On : 02 Jul 2024 06:21
Operator : MA/JU
Sample : P2871-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

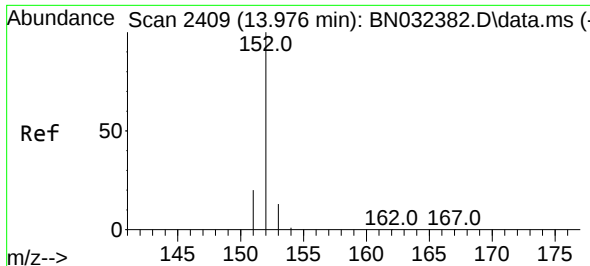
Instrument :
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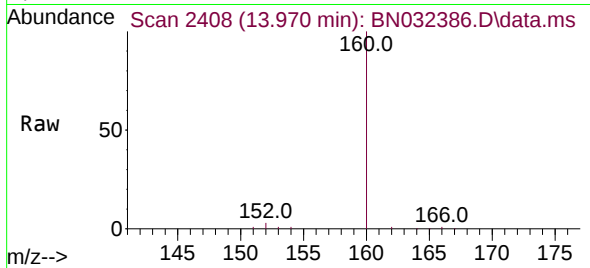
Quant Time: Jul 02 06:47:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 13.970 min Scan# 2409
Delta R.T. -0.019 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

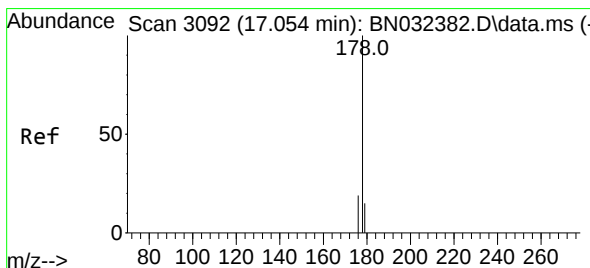
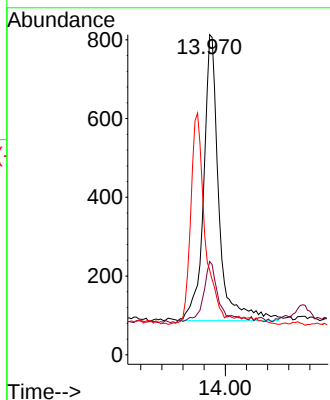
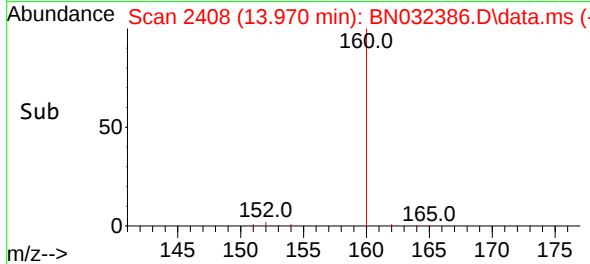
Instrument :
BNA_N
ClientSampleId :
A4CJ2



Tgt Ion:152 Resp: 145
Ion Ratio Lower Upper
152 100
151 29.2 15.7 23.5
153 26.3 10.9 16.3

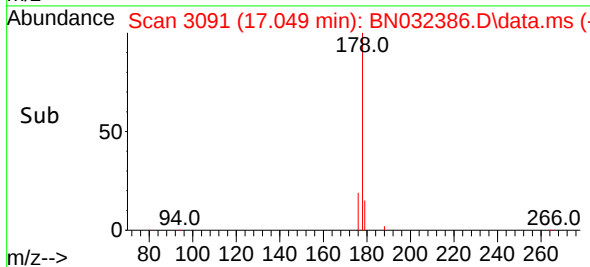
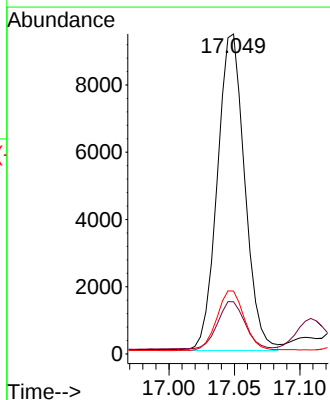
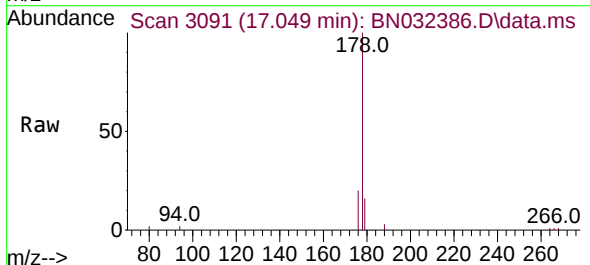
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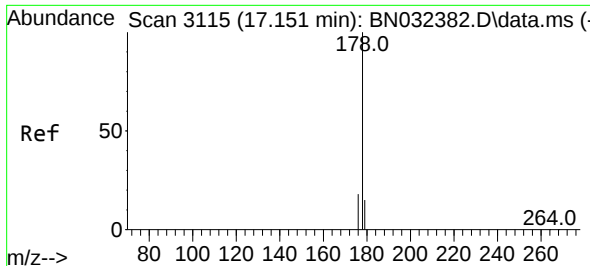
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 0.193 ng/ul m
RT: 17.049 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

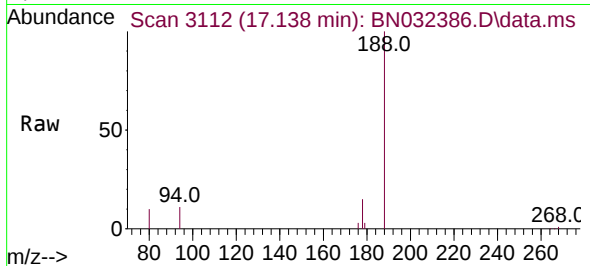
Tgt Ion:178 Resp: 13713
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.7 15.6 23.4





#16
 Anthracene
 Concen: 0.054 ng/ul m
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.022 min
 Lab File: BN032386.D
 Acq: 02 Jul 2024 06:21

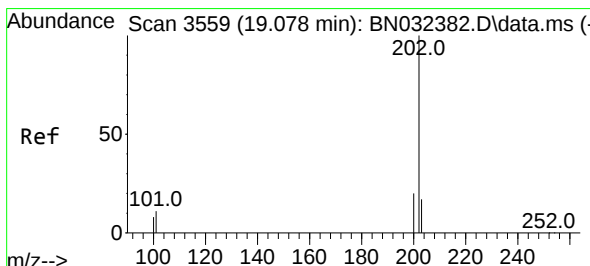
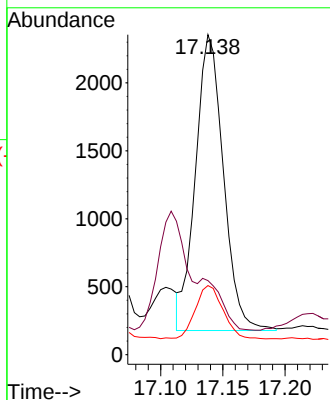
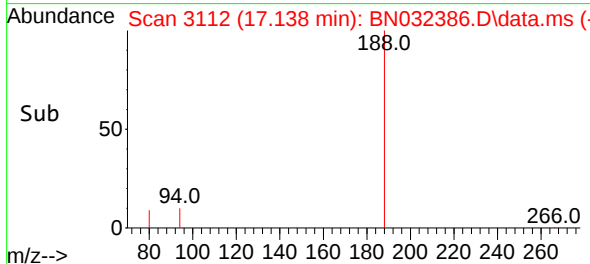
Instrument :
 BNA_N
 ClientSampleId :
 A4CJ2



Tgt Ion:178 Resp: 3402
 Ion Ratio Lower Upper
 178 100
 179 23.1 12.5 18.7
 176 21.6 15.0 22.6

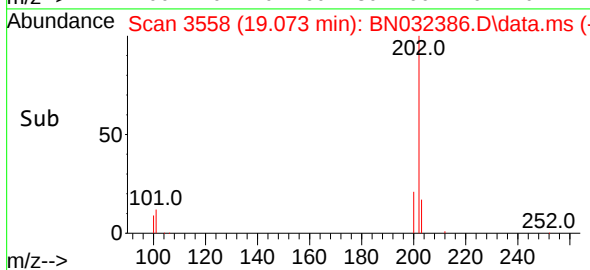
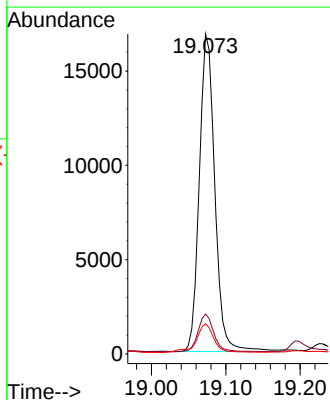
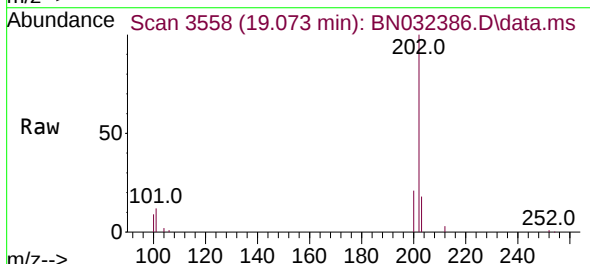
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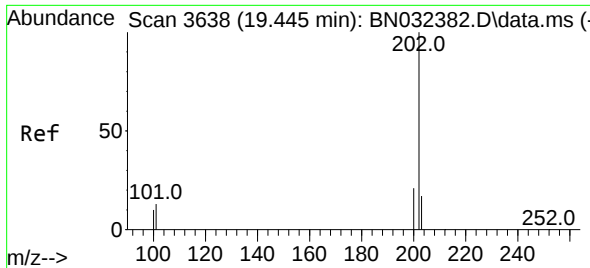
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 0.358 ng/ul
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032386.D
 Acq: 02 Jul 2024 06:21

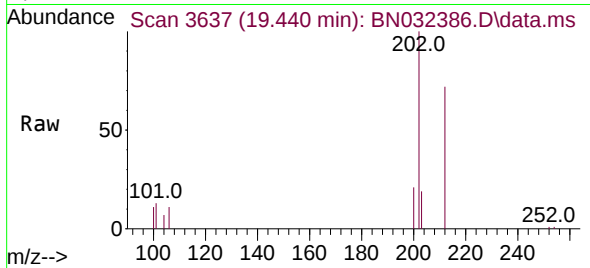
Tgt Ion:202 Resp: 24403
 Ion Ratio Lower Upper
 202 100
 101 12.5 8.8 13.2
 100 9.4 6.4 9.6





#20
Pyrene
Concen: 0.316 ng/ul m
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

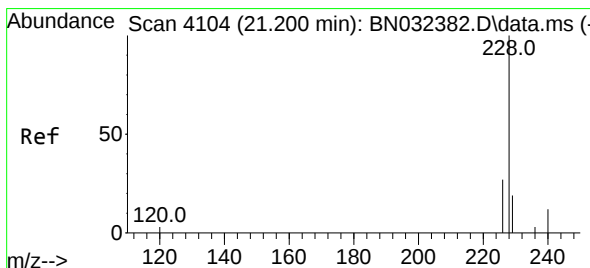
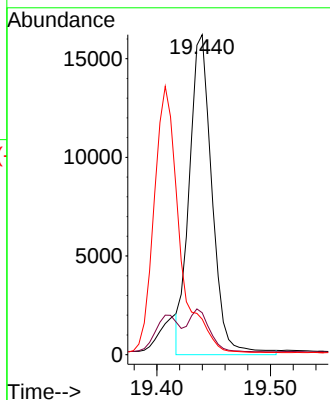
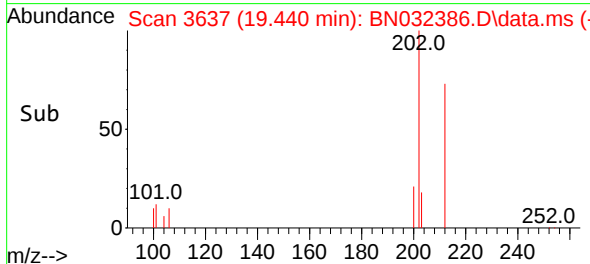
Instrument :
BNA_N
ClientSampleId :
A4CJ2



Tgt Ion:202 Resp: 2251
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 11.1 8.7 13.1

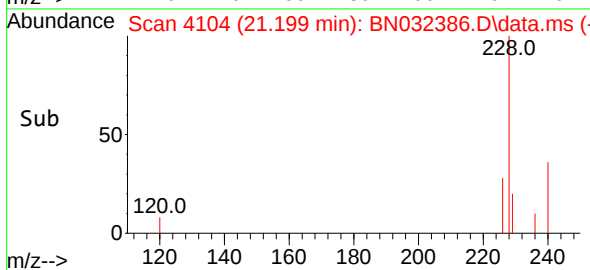
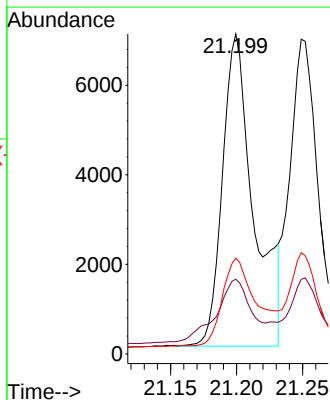
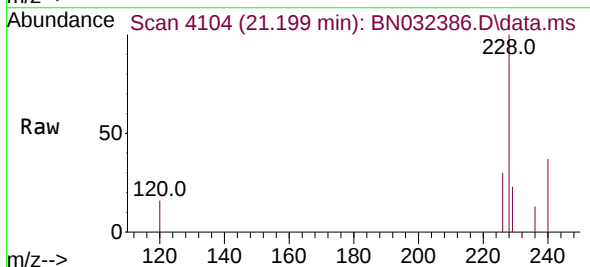
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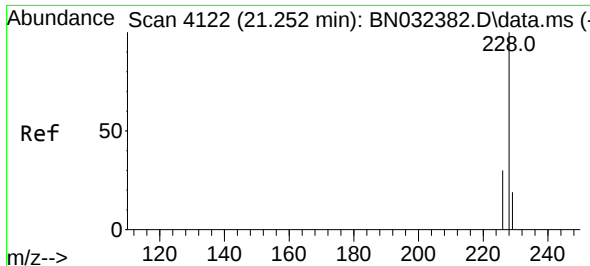
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 0.177 ng/ul
RT: 21.199 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

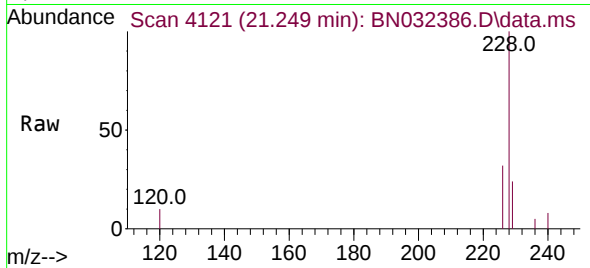
Tgt Ion:228 Resp: 11430
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 30.0 21.8 32.8





#22
Chrysene
Concen: 0.146 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

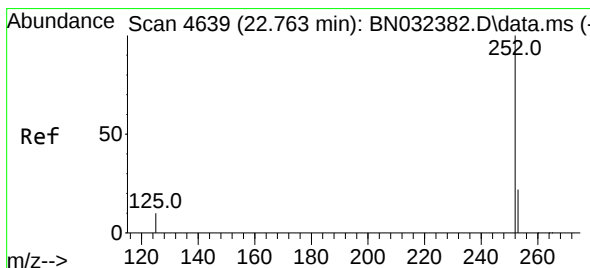
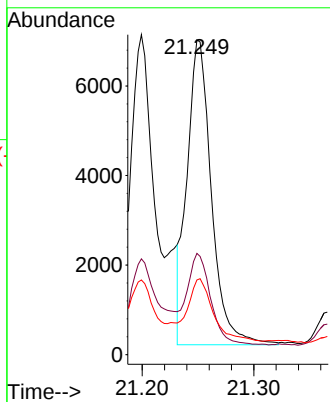
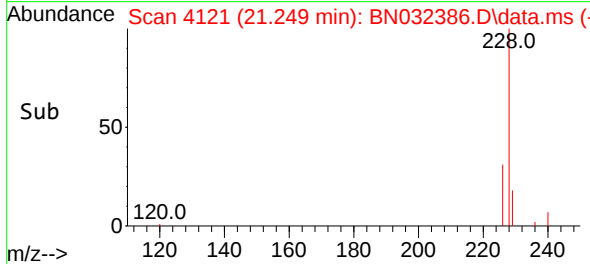
Instrument :
BNA_N
ClientSampleId :
A4CJ2



Tgt Ion:228 Resp: 10348
Ion Ratio Lower Upper
228 100
226 32.2 23.6 35.4
229 23.7 15.7 23.5

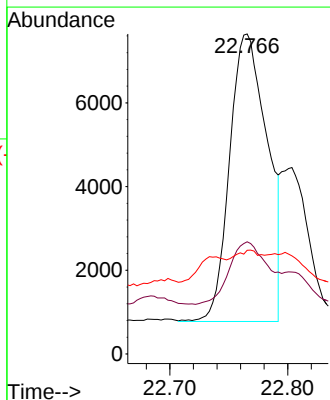
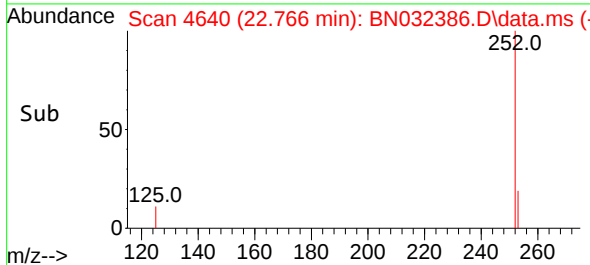
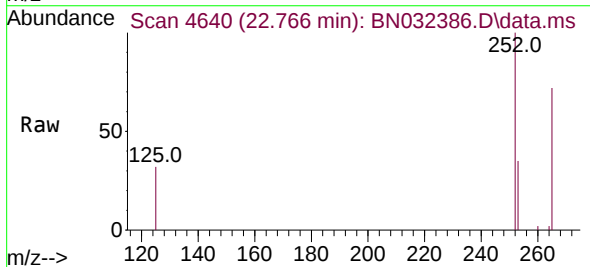
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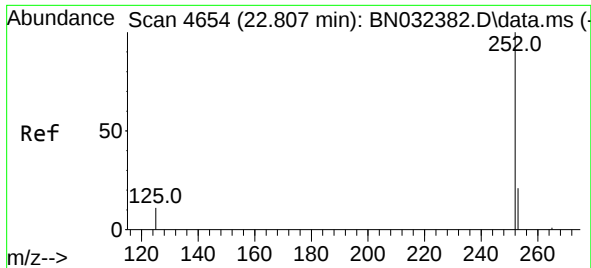
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.193 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

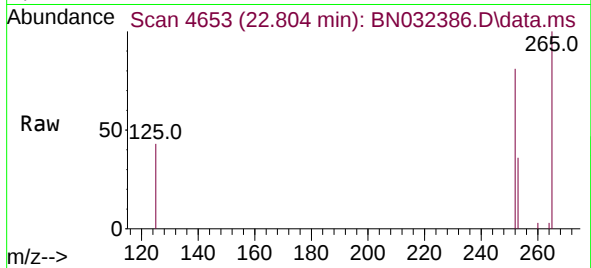
Tgt Ion:252 Resp: 15280
Ion Ratio Lower Upper
252 100
253 35.0 0.0 50.2
125 32.4 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.076 ng/ul m
RT: 22.804 min Scan# 4654
Delta R.T. -0.024 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

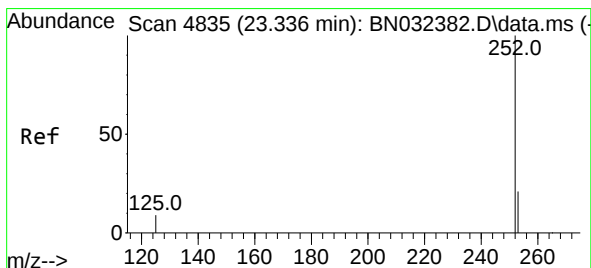
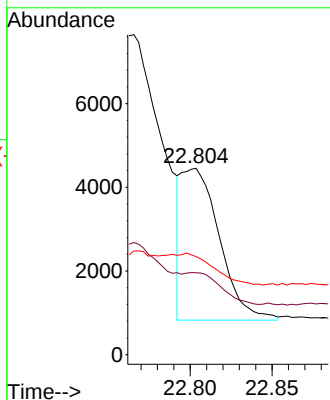
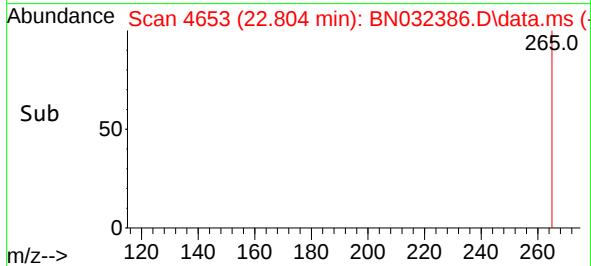
Instrument :
BNA_N
ClientSampleId :
A4CJ2



Tgt Ion:252 Resp: 585
Ion Ratio Lower Upper
252 100
253 44.0 20.3 30.5
125 52.7 12.8 19.2

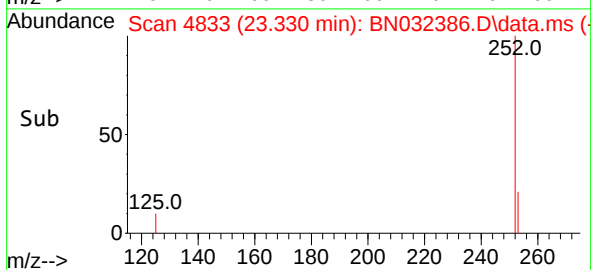
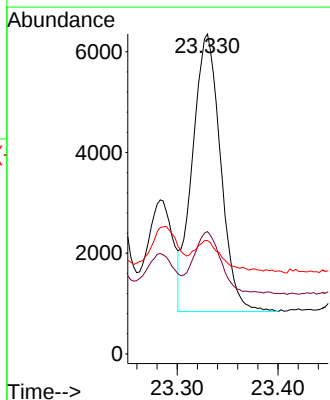
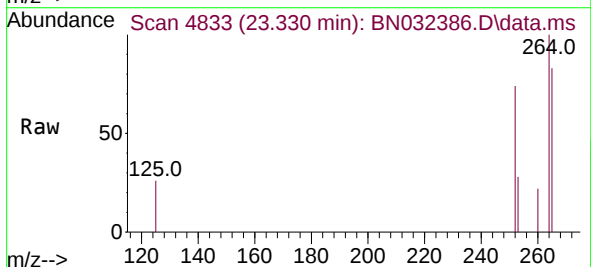
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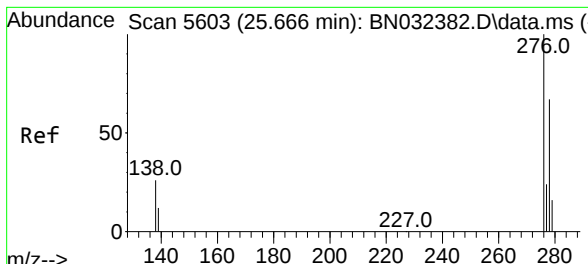
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.030 min
Lab File: BN032386.D
Acq: 02 Jul 2024 06:21

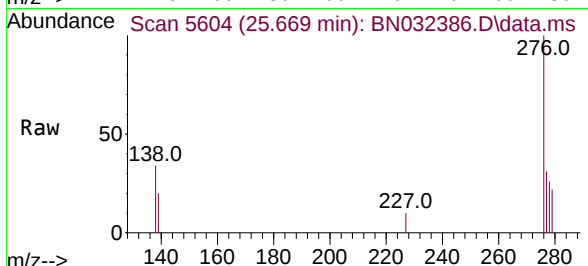
Tgt Ion:252 Resp: 10706
Ion Ratio Lower Upper
252 100
253 38.2 22.2 33.2#
125 35.5 16.4 24.6#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.093 ng/ul
 RT: 25.669 min Scan# 5604
 Delta R.T. -0.031 min
 Lab File: BN032386.D
 Acq: 02 Jul 2024 06:21

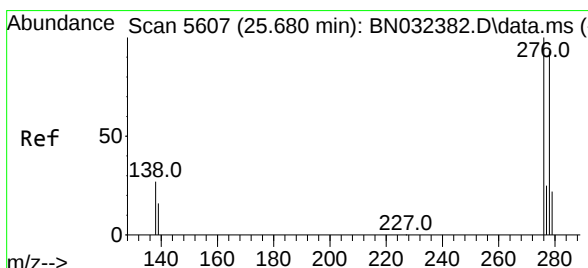
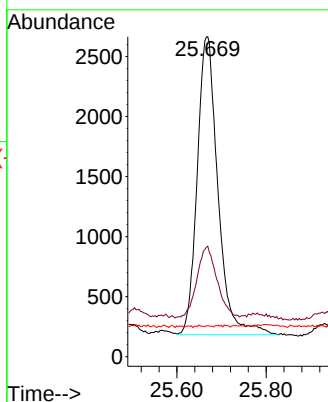
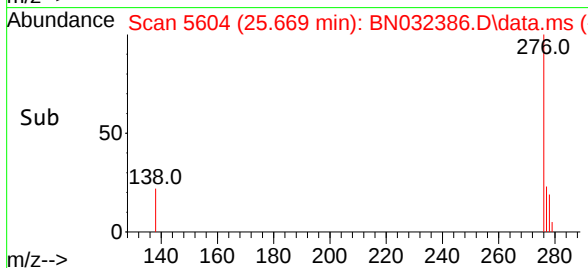
Instrument :
 BNA_N
 ClientSampleId :
 A4CJ2



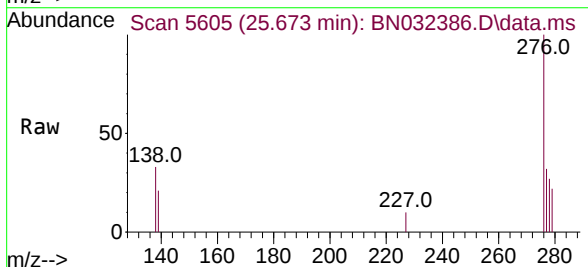
Tgt Ion: 276 Resp: 7999
 Ion Ratio Lower Upper
 276 100
 138 24.0 21.3 31.9
 227 0.1 0.1 0.1

Manual Integrations
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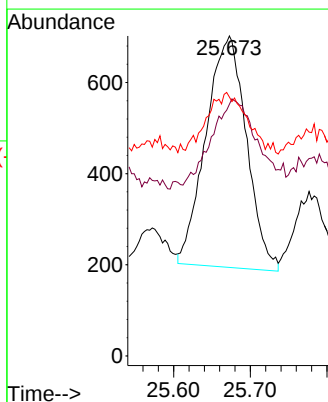
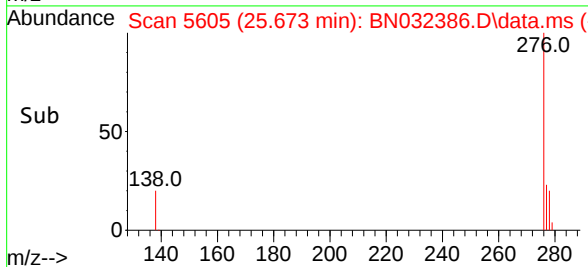
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

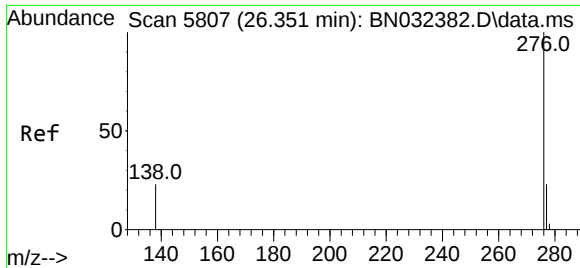


#28
 Dibenzo(a,h)anthracene
 Concen: 0.029 ng/ul
 RT: 25.673 min Scan# 5605
 Delta R.T. -0.037 min
 Lab File: BN032386.D
 Acq: 02 Jul 2024 06:21



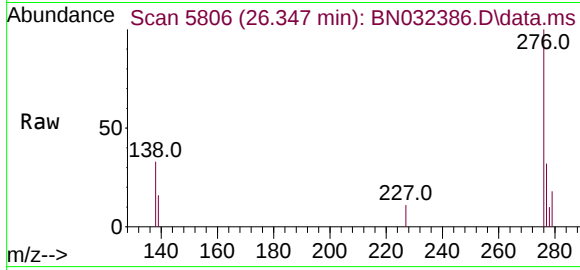
Tgt Ion: 278 Resp: 1863
 Ion Ratio Lower Upper
 278 100
 139 78.6 15.9 23.9#
 279 80.9 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.115 ng/ul
 RT: 26.347 min Scan# 51
 Delta R.T. -0.034 min
 Lab File: BN032386.D
 Acq: 02 Jul 2024 06:21

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ2



Tgt Ion:	276	Resp:	7934
Ion	Ratio	Lower	Upper
276	100		
138	32.7	19.8	29.6
277	32.1	19.8	29.6

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