

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032388.D
 Acq On : 02 Jul 2024 07:33
 Operator : MA/JU
 Sample : P2871-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 07:58:06 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	7.603	152	10136	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	32303	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	18901	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	32550m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	21705m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	23647m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	44036	3.909	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	14200	0.293	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	21878m	0.335	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.431	128	17473	0.204	ng/ul	98
7) 2-Methylnaphthalene	12.054	142	7239	0.128	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	4577	0.078	ng/ul	97
10) Acenaphthylene	13.971	152	26251	0.334	ng/ul	98
11) Acenaphthene	14.313	153	10452	0.171	ng/ul	98
12) Fluorene	15.308	166	12731	0.175	ng/ul#	98
14) Pentachlorophenol	16.666	266	360m	0.049	ng/ul	
15) Phenanthrene	17.046	178	266756m	2.989	ng/ul	
16) Anthracene	17.138	178	47524m	0.597	ng/ul	
19) Fluoranthene	19.073	202	522564m	6.323	ng/ul	
20) Pyrene	19.440	202	366222m	4.240	ng/ul	
21) Benzo(a)anthracene	21.197	228	211259m	2.697	ng/ul	
22) Chrysene	21.247	228	268305m	3.120	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	370367m	3.605	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	115859m	1.161	ng/ul	
26) Benzo(a)pyrene	23.330	252	136618m	1.911	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	144844m	1.294	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	48738m	0.586	ng/ul	
29) Benzo(g,h,i)perylene	26.361	276	29440m	0.330	ng/ul	

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

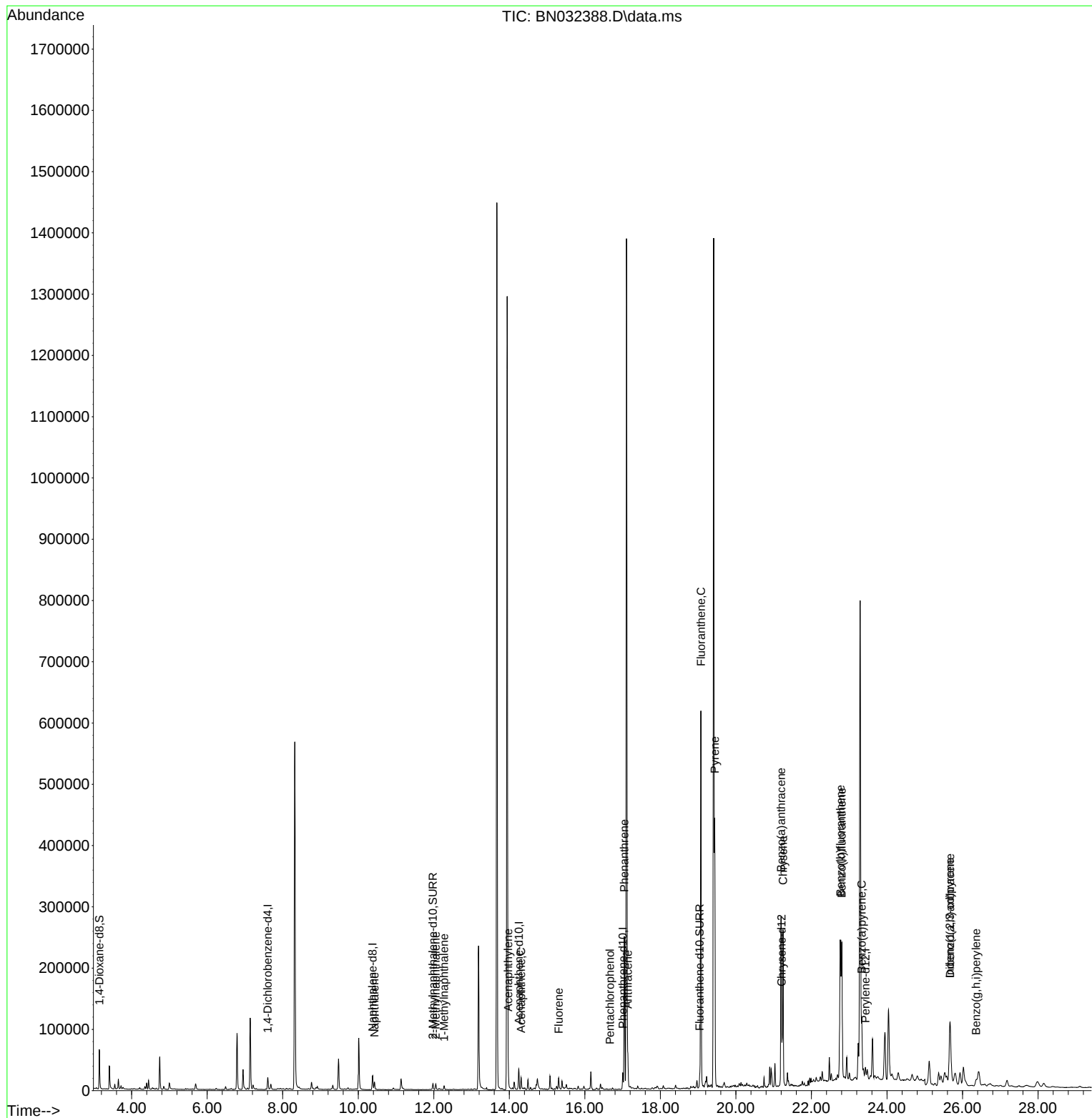
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032388.D
Acq On : 02 Jul 2024 07:33
Operator : MA/JU
Sample : P2871-16
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ALS Vial : 34 Sample Multiplier: 1

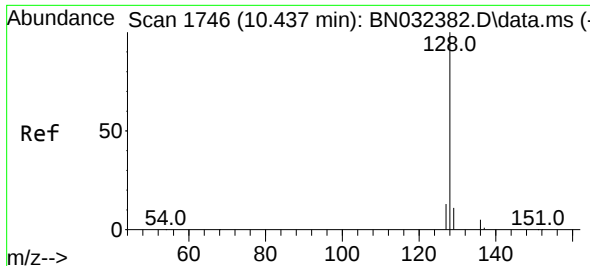
Instrument :
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A4CN7

Quant Time: Jul 02 07:58:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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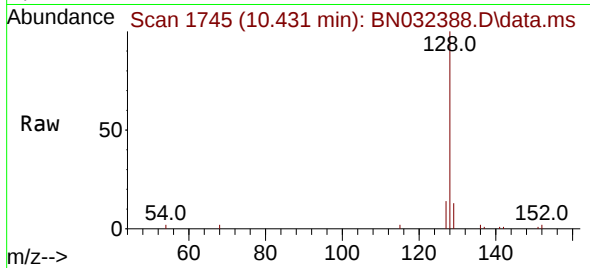
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024





#5
Naphthalene
Concen: 0.204 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

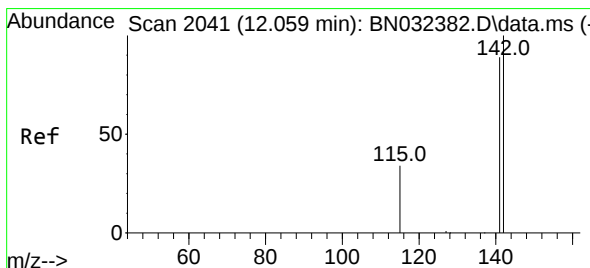
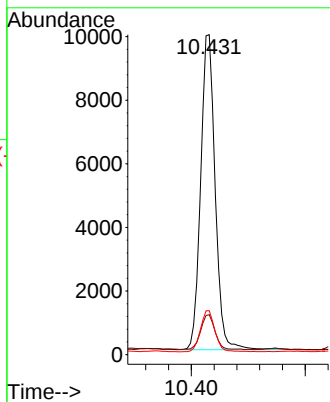
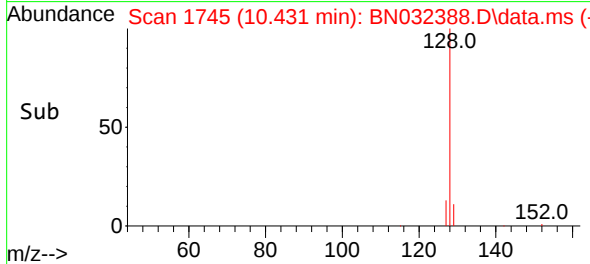
Instrument :
BNA_N
ClientSampleId :
A4CN7



Tgt Ion:128 Resp: 1747
Ion Ratio Lower Upper
128 100
129 12.5 9.2 13.8
127 13.8 10.8 16.2

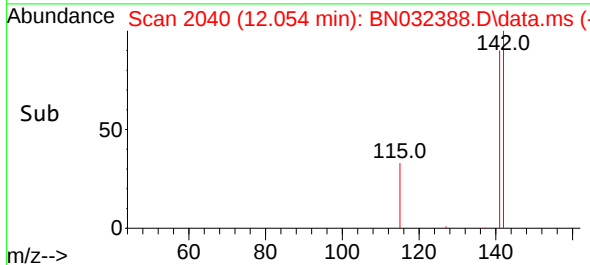
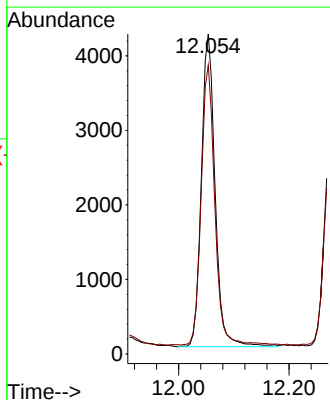
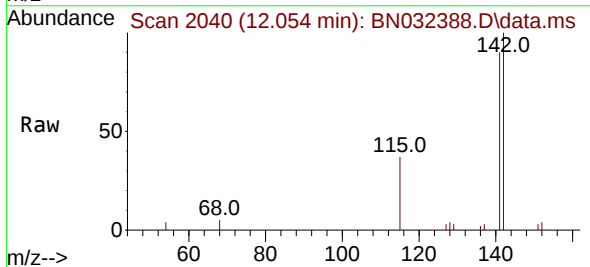
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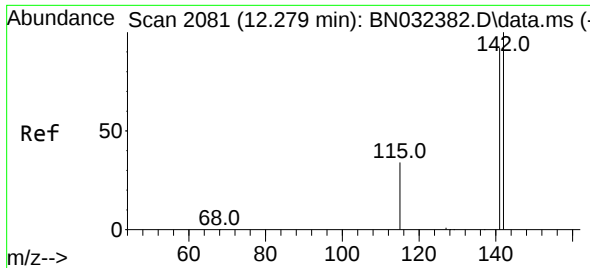
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

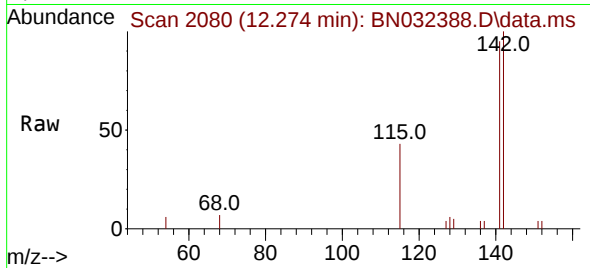
Tgt Ion:142 Resp: 7239
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

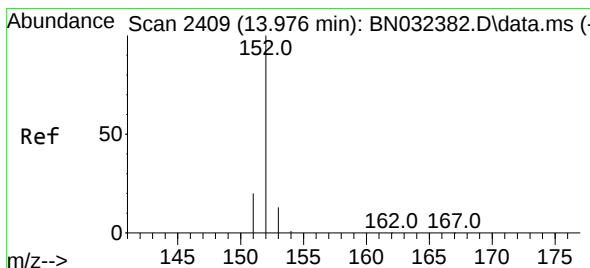
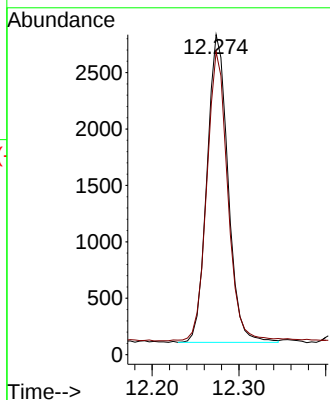
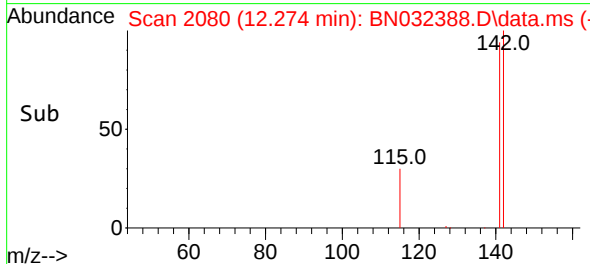
Instrument :
BNA_N
ClientSampleId :
A4CN7



Tgt Ion:142 Resp: 457
Ion Ratio Lower Upper
142 100
141 94.1 73.4 110.0

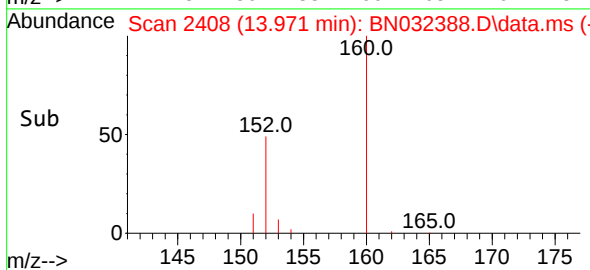
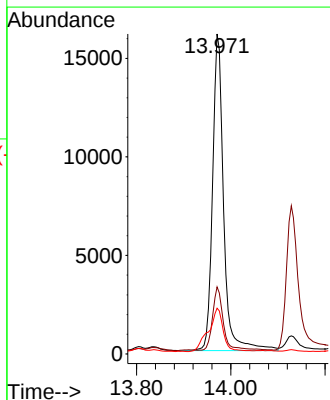
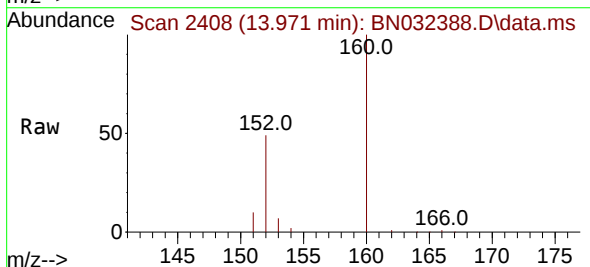
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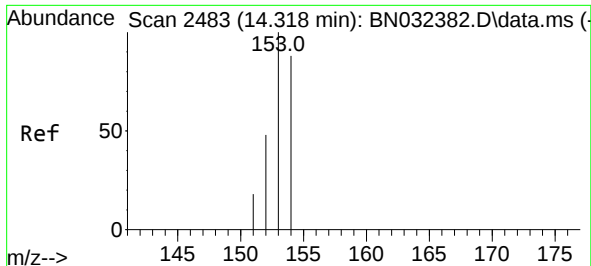
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

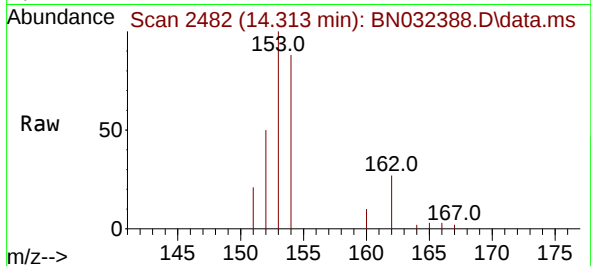
Tgt Ion:152 Resp: 26251
Ion Ratio Lower Upper
152 100
151 21.0 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.171 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

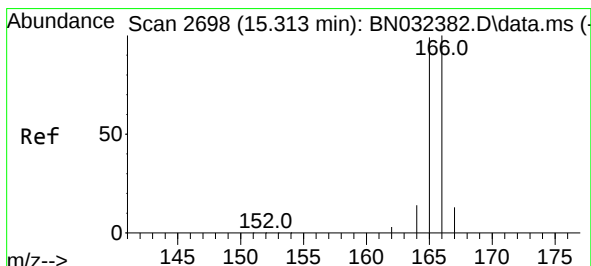
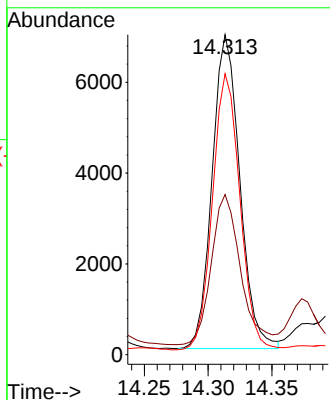
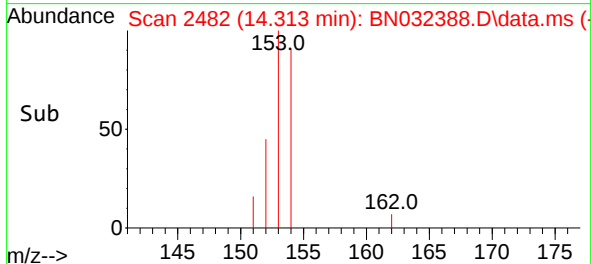
Instrument :
BNA_N
ClientSampleId :
A4CN7



Tgt Ion:153 Resp: 10452
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 87.8 71.7 107.5

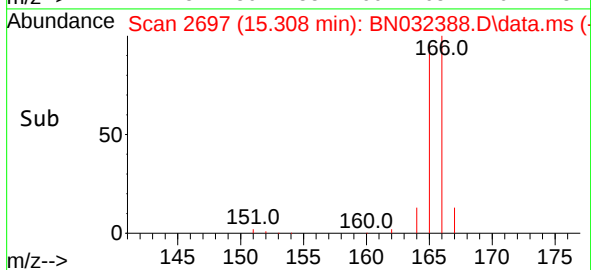
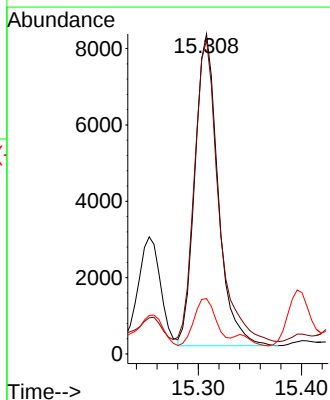
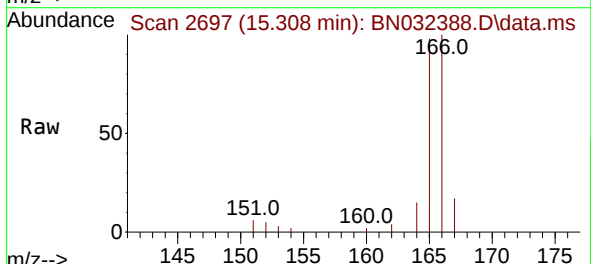
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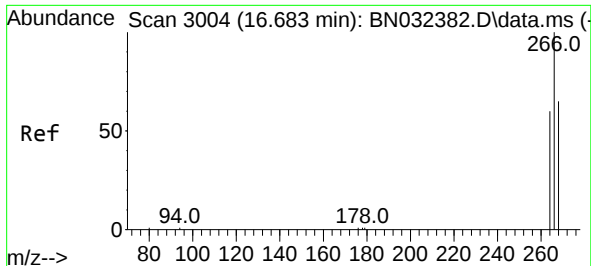
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.175 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

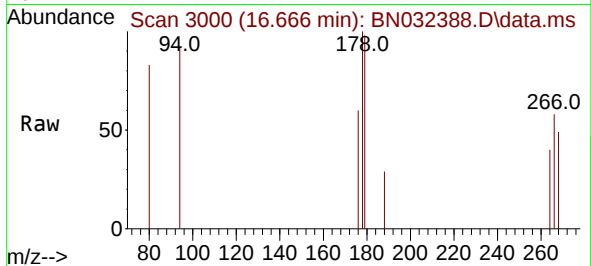
Tgt Ion:166 Resp: 12731
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 17.3 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.049 ng/ul m
RT: 16.666 min Scan# 3000
Delta R.T. -0.034 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

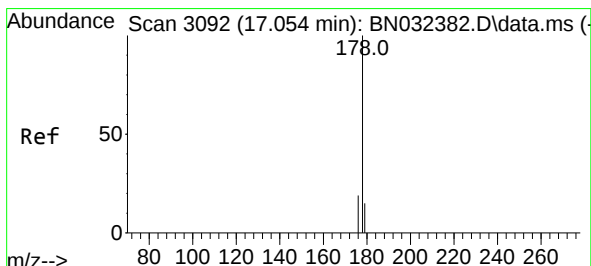
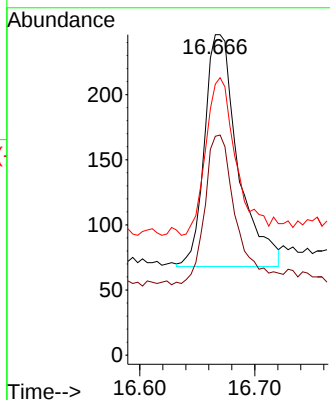
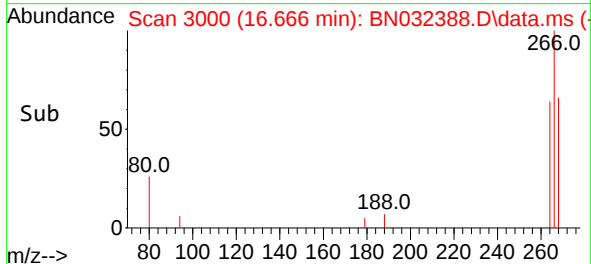
Instrument :
BNA_N
ClientSampleId :
A4CN7



Tgt Ion:266 Resp: 360
Ion Ratio Lower Upper
266 100
264 2.2 49.9 74.9
268 0.0 52.4 78.6

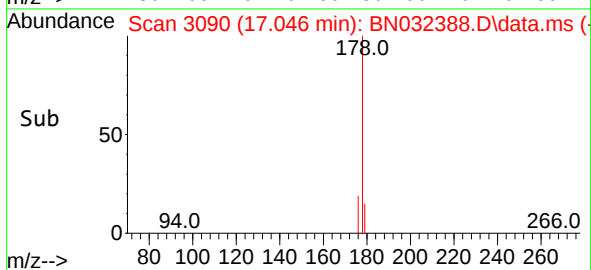
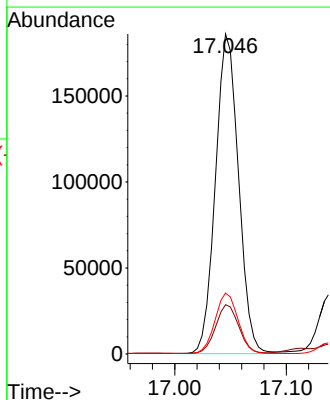
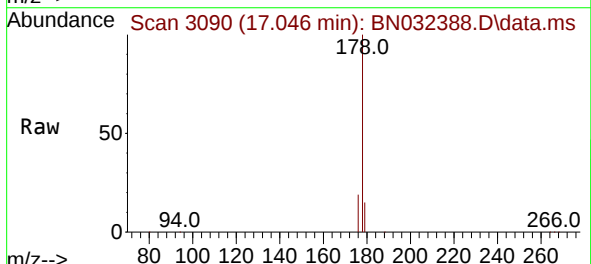
Manual Integrations
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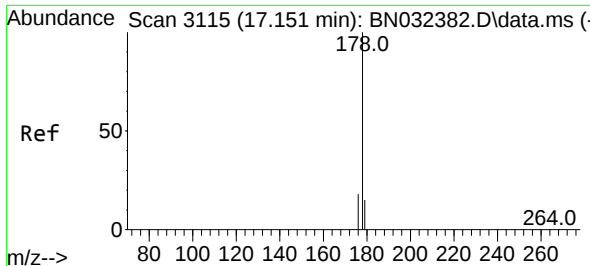
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 2.989 ng/ul m
RT: 17.046 min Scan# 3090
Delta R.T. -0.021 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

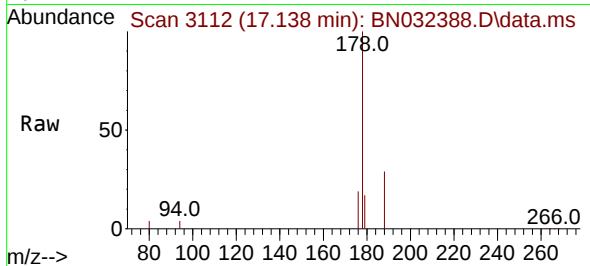
Tgt Ion:178 Resp: 266756
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 0.597 ng/ul m
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032388.D
 Acq: 02 Jul 2024 07:33

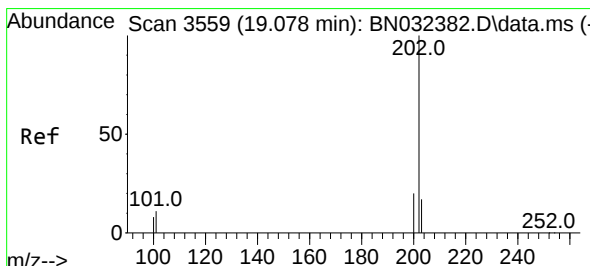
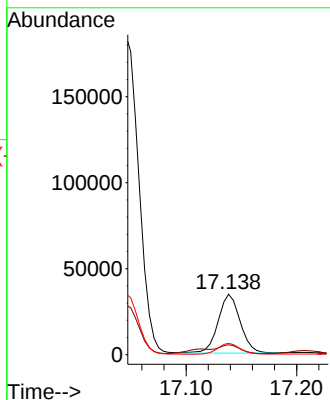
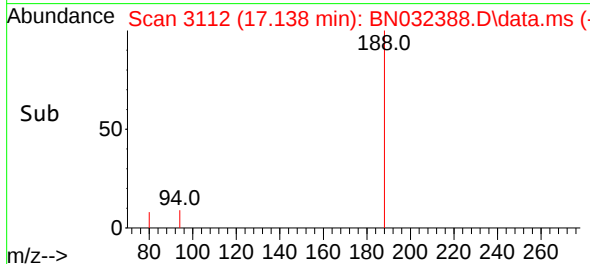
Instrument :
 BNA_N
 ClientSampleId :
 A4CN7



Tgt Ion:178 Resp: 47524
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.5 18.7
 176 18.8 15.0 22.6

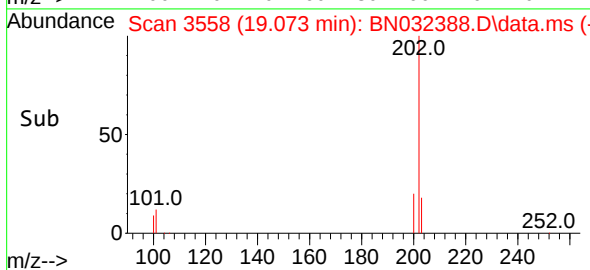
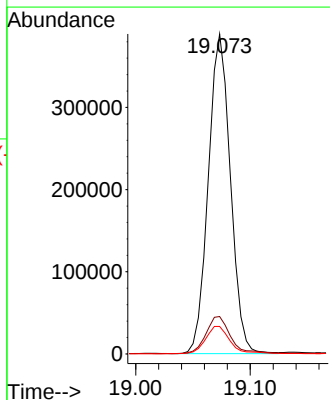
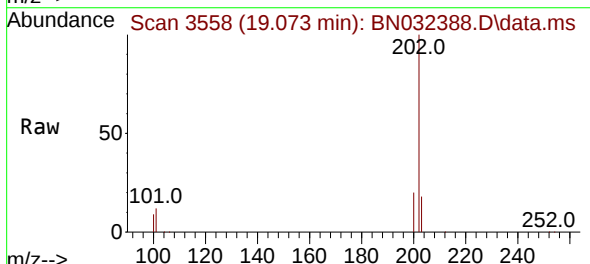
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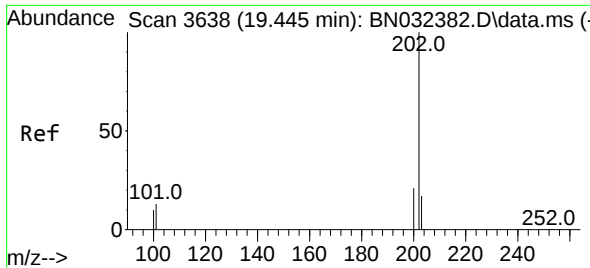
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 6.323 ng/ul m
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032388.D
 Acq: 02 Jul 2024 07:33

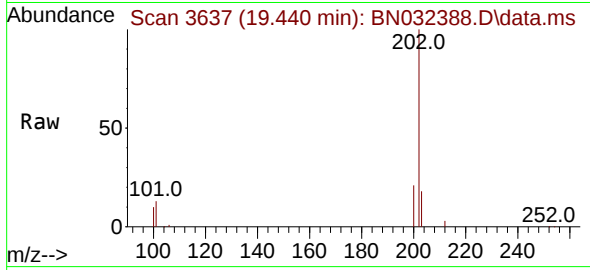
Tgt Ion:202 Resp: 522564
 Ion Ratio Lower Upper
 202 100
 101 11.7 8.8 13.2
 100 8.6 6.4 9.6





#20
Pyrene
Concen: 4.240 ng/ul m
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

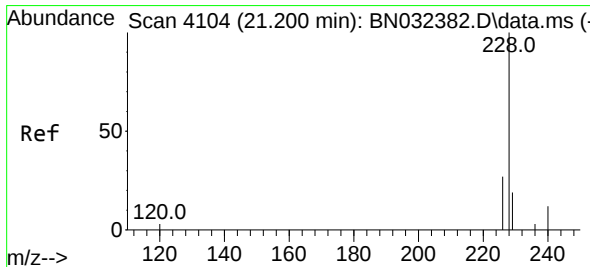
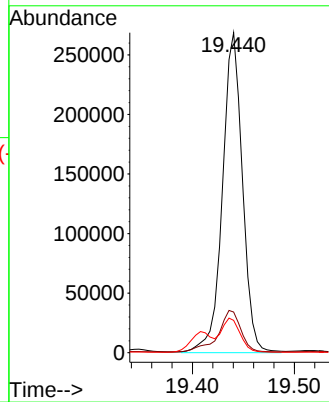
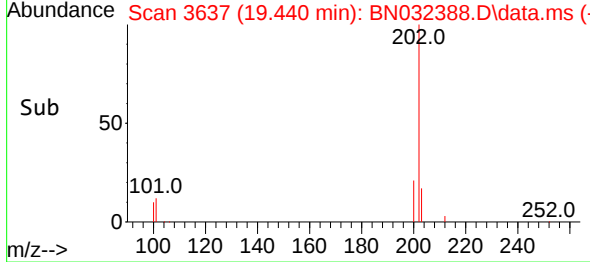
Instrument :
BNA_N
ClientSampleId :
A4CN7



Tgt Ion:202 Resp: 36622
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.1 8.7 13.1

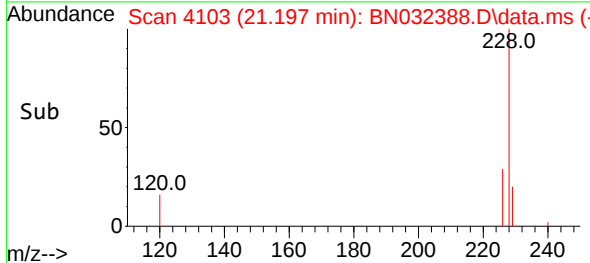
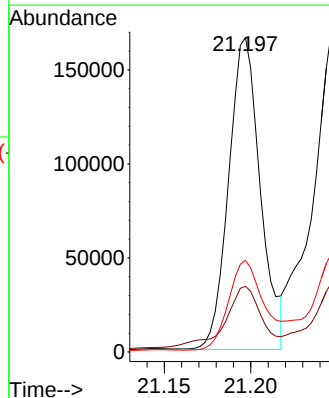
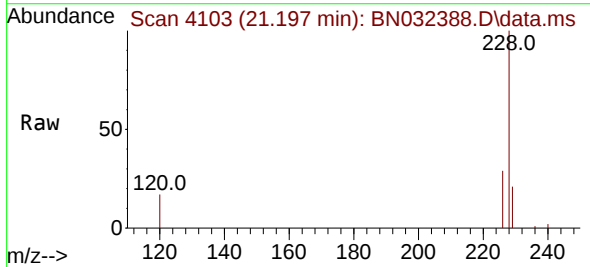
Manual Integrations
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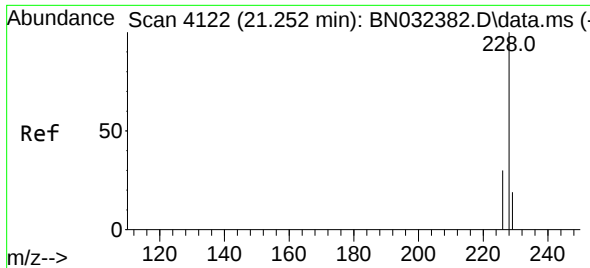
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 2.697 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

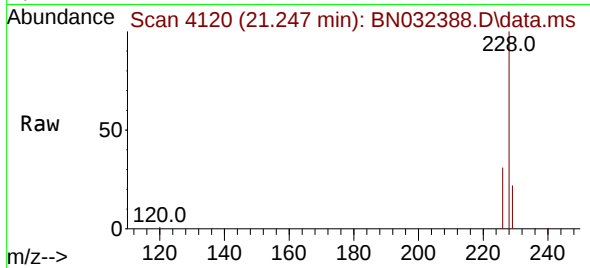
Tgt Ion:228 Resp: 211259
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 29.1 21.8 32.8





#22
Chrysene
Concen: 3.120 ng/ul m
RT: 21.247 min Scan# 4120
Delta R.T. -0.020 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

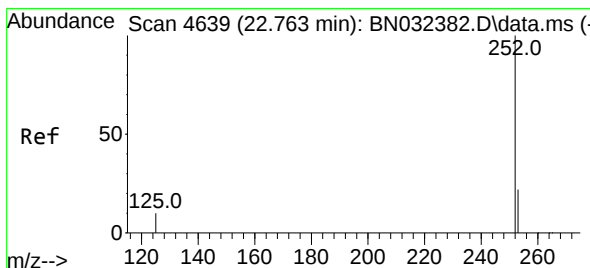
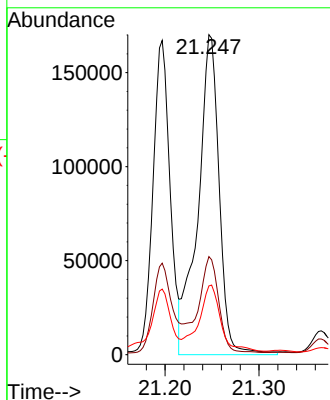
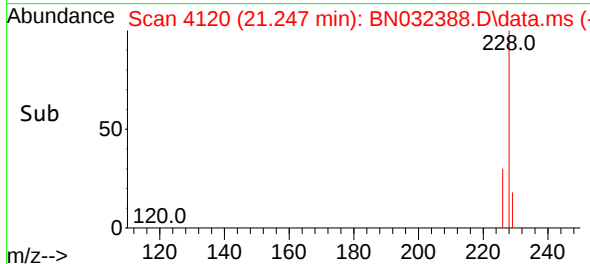
Instrument :
BNA_N
ClientSampleId :
A4CN7



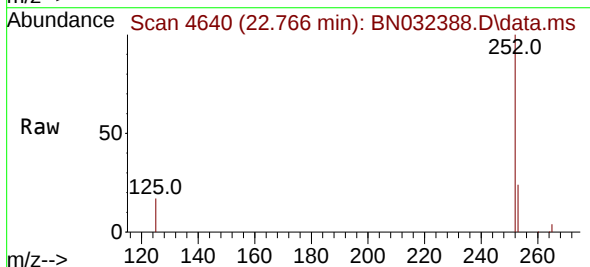
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Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.5 15.7 23.5

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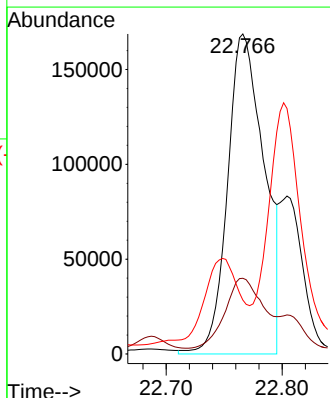
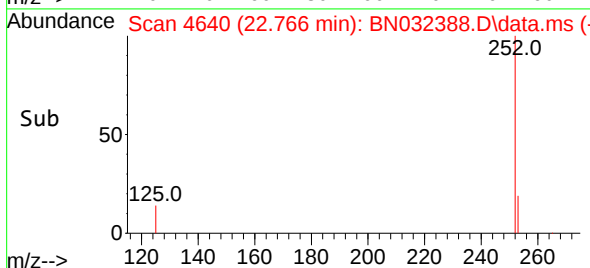
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

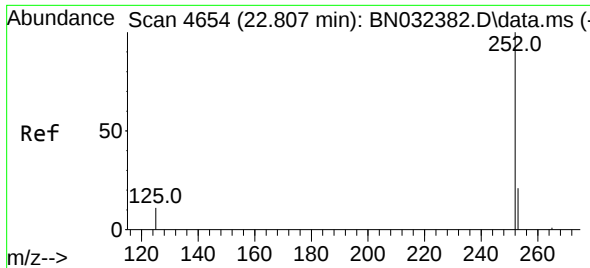


#24
Benzo(b)fluoranthene
Concen: 3.605 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33



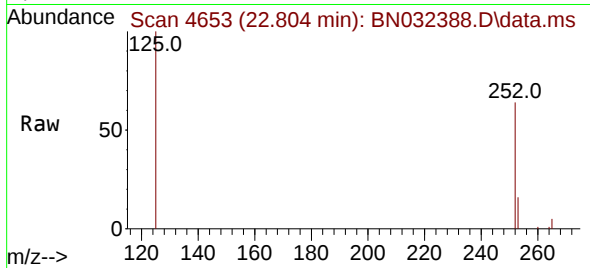
Tgt Ion:252 Resp: 370367
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 16.9 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 1.161 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.023 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

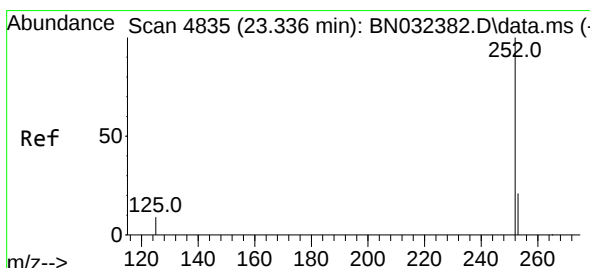
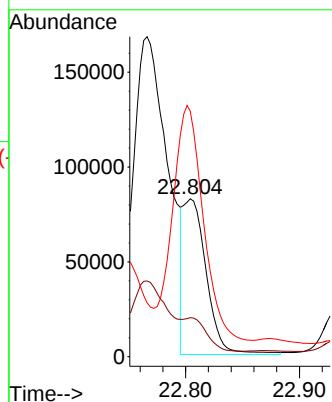
Instrument :
BNA_N
ClientSampleId :
A4CN7



Tgt Ion:252 Resp: 115859
Ion Ratio Lower Upper
252 100
253 24.7 20.3 30.5
125 155.4 12.8 19.2

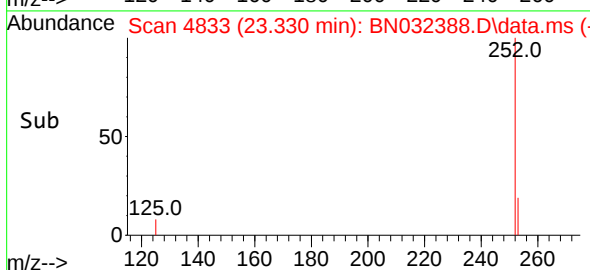
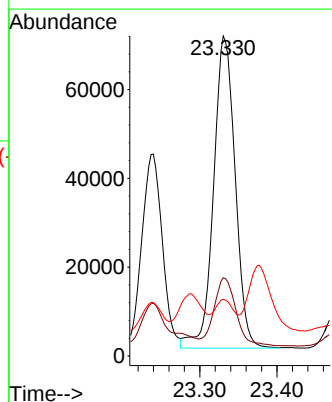
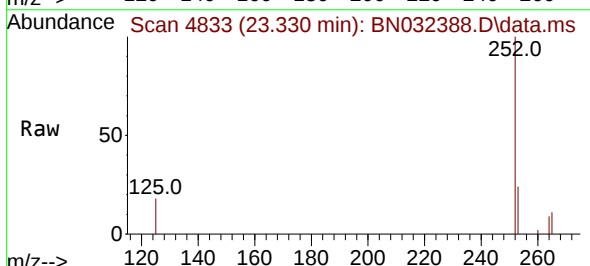
Manual Integrations
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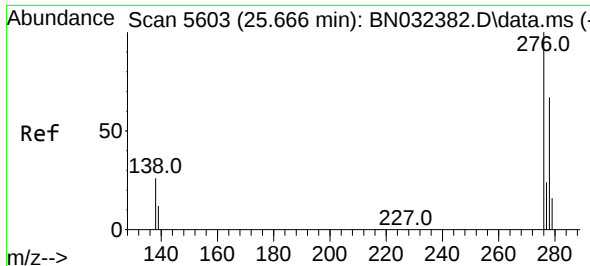
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 1.911 ng/ul m
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032388.D
Acq: 02 Jul 2024 07:33

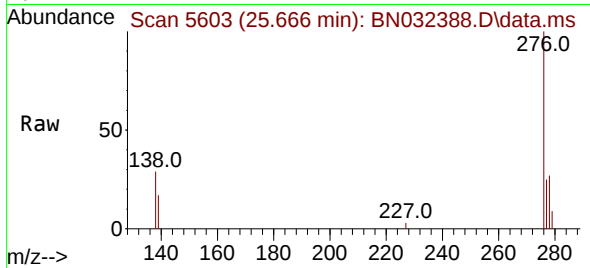
Tgt Ion:252 Resp: 136618
Ion Ratio Lower Upper
252 100
253 24.5 22.2 33.2
125 17.7 16.4 24.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.294 ng/ul m
 RT: 25.666 min Scan# 5603
 Delta R.T. -0.034 min
 Lab File: BN032388.D
 Acq: 02 Jul 2024 07:33

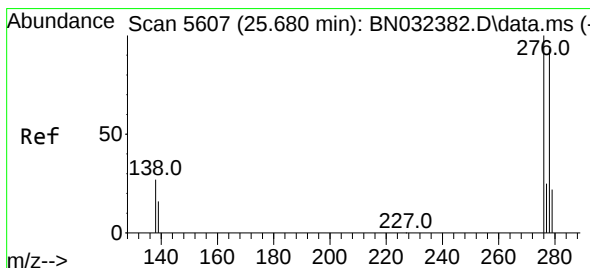
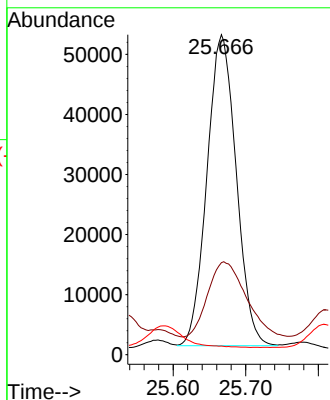
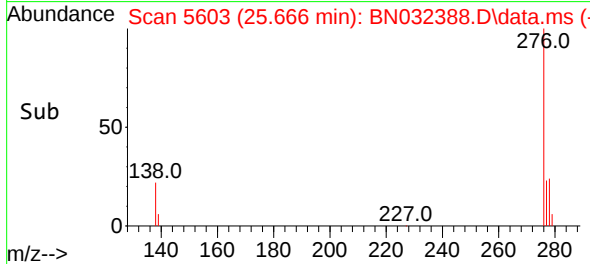
Instrument :
 BNA_N
 ClientSampleId :
 A4CN7



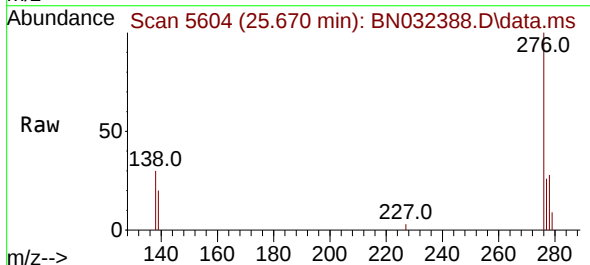
Tgt Ion:276 Resp: 144844
 Ion Ratio Lower Upper
 276 100
 138 3.0 21.3 31.9#
 227 0.0 0.1 0.1#

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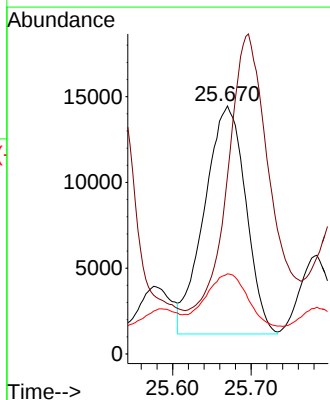
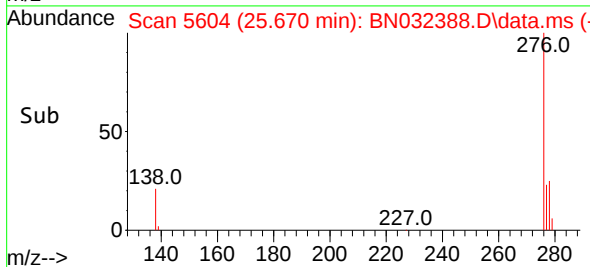
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

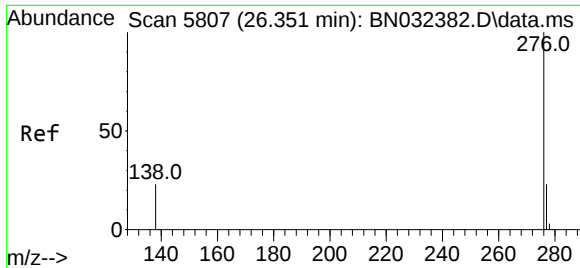


#28
 Dibenzo(a,h)anthracene
 Concen: 0.586 ng/ul m
 RT: 25.670 min Scan# 5604
 Delta R.T. -0.040 min
 Lab File: BN032388.D
 Acq: 02 Jul 2024 07:33



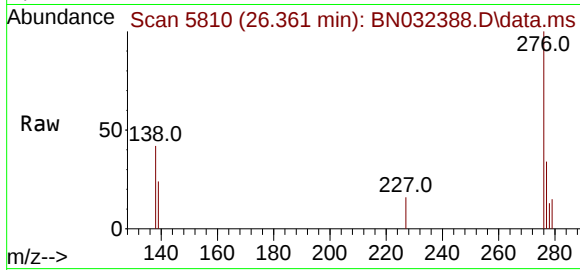
Tgt Ion:278 Resp: 48738
 Ion Ratio Lower Upper
 278 100
 139 71.7 15.9 23.9#
 279 32.4 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.330 ng/ul m
 RT: 26.361 min Scan# 5810
 Delta R.T. -0.020 min
 Lab File: BN032388.D
 Acq: 02 Jul 2024 07:33

Instrument :
 BNA_N
 ClientSampleId :
 A4CN7



Tgt Ion: 276 Resp: 29440

Ion	Ratio	Lower	Upper
276	100		
138	41.9	19.8	29.6
277	33.8	19.8	29.6

Manual Integrations
 APPROVED

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

