

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032392.D
 Acq On : 02 Jul 2024 09:58
 Operator : MA/JU
 Sample : P2871-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C58

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 12:50:47 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	7830	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	25249	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14935	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	27686m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	17545m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	18802m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	29030	3.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	9583	0.253	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	16040	0.304	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	5295	0.079	ng/ul#	95
7) 2-Methylnaphthalene	12.053	142	2426	0.055	ng/ul	100
8) 1-Methylnaphthalene	12.273	142	1912	0.042	ng/ul	97
10) Acenaphthylene	13.971	152	8220	0.132	ng/ul	95
11) Acenaphthene	14.313	153	5137	0.107	ng/ul	97
12) Fluorene	15.308	166	5215	0.091	ng/ul#	98
15) Phenanthrene	17.045	178	122401m	1.613	ng/ul	
16) Anthracene	17.138	178	20331m	0.300	ng/ul	
19) Fluoranthene	19.073	202	211843	3.171	ng/ul	97
20) Pyrene	19.440	202	163967	2.348	ng/ul	98
21) Benzo(a)anthracene	21.194	228	83802	1.323	ng/ul	98
22) Chrysene	21.249	228	95935	1.380	ng/ul	97
24) Benzo(b)fluoranthene	22.763	252	126744m	1.552	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	48831m	0.615	ng/ul	
26) Benzo(a)pyrene	23.330	252	53122	0.935	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.663	276	51299	0.576	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.663	278	16229	0.245	ng/ul#	40
29) Benzo(g,h,i)perylene	26.347	276	9621	0.136	ng/ul#	67

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

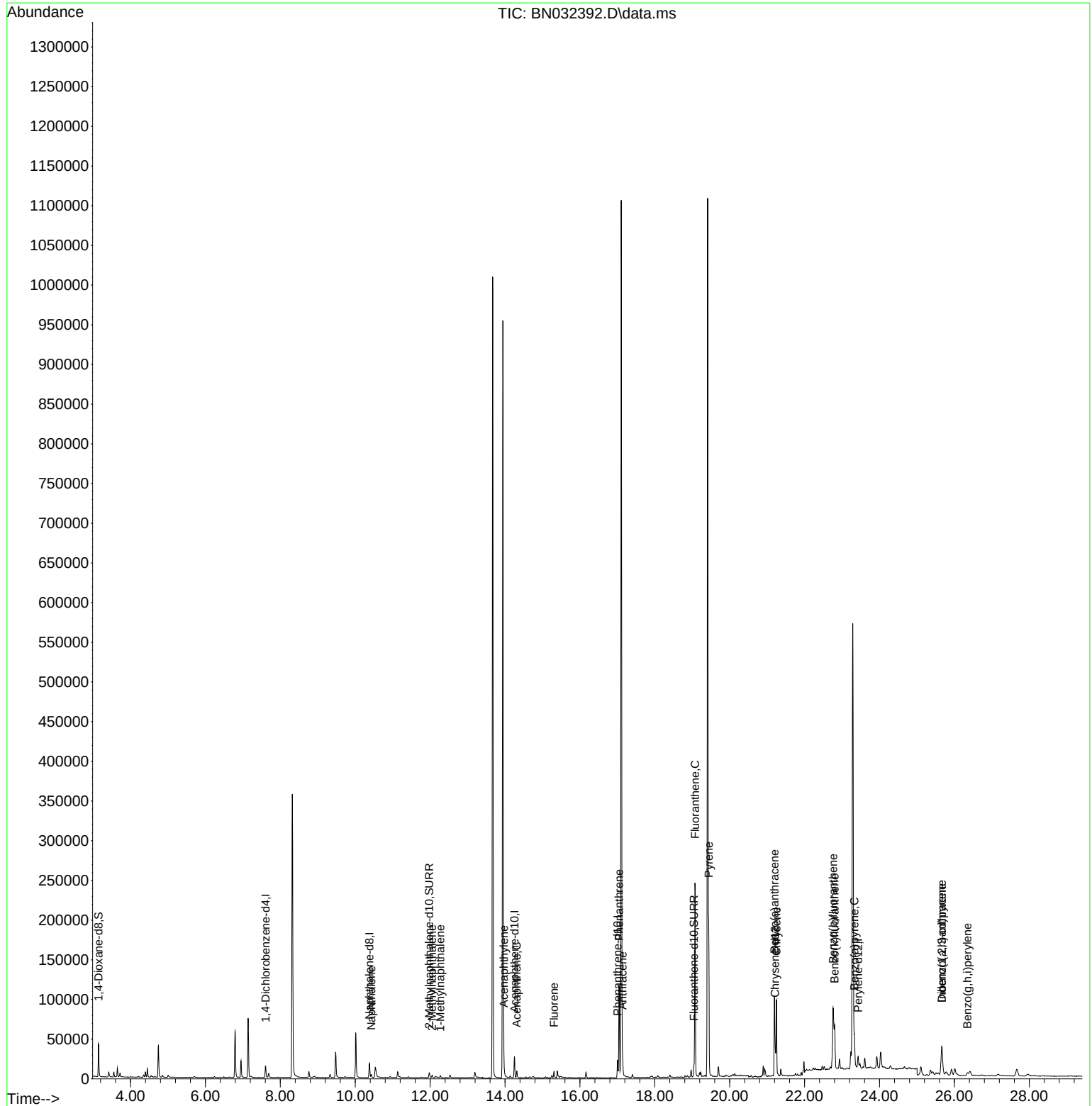
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032392.D
Acq On : 02 Jul 2024 09:58
Operator : MA/JU
Sample : P2871-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

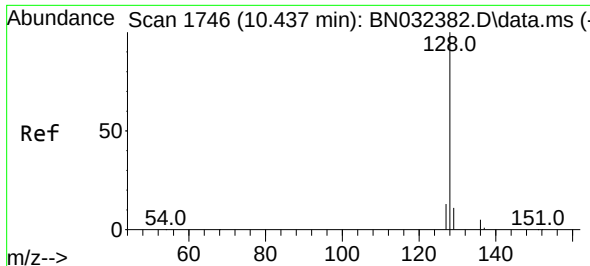
Instrument :
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Supervised By :mohammad ahmed 07/04/2024

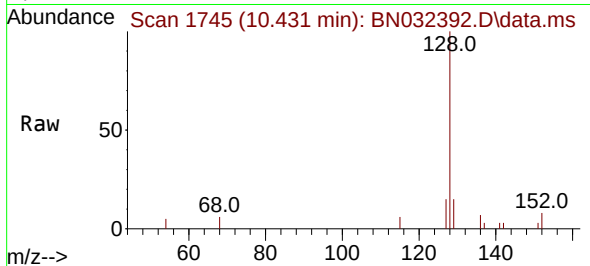
Quant Time: Jul 02 12:50:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#5
Naphthalene
Concen: 0.079 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

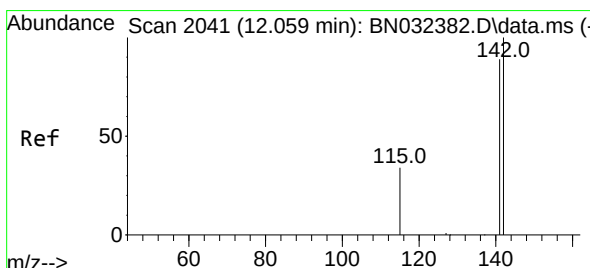
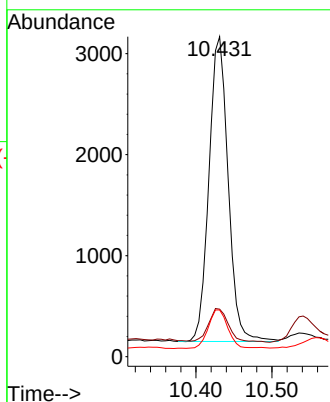
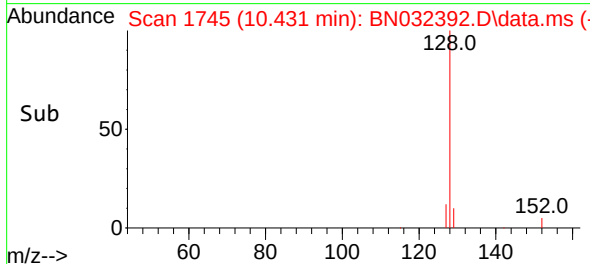
Instrument :
BNA_N
ClientSampleId :
A4C58



Tgt Ion:128 Resp: 5295
Ion Ratio Lower Upper
128 100
129 14.8 9.2 13.8
127 14.6 10.8 16.2

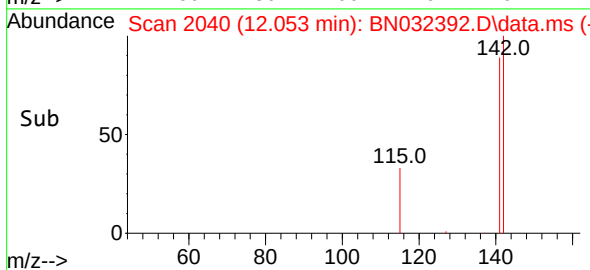
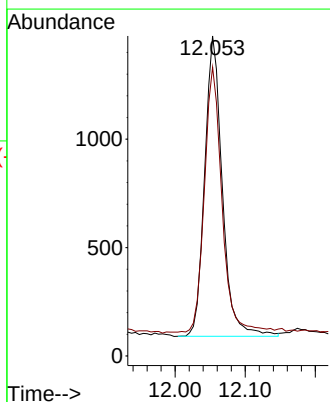
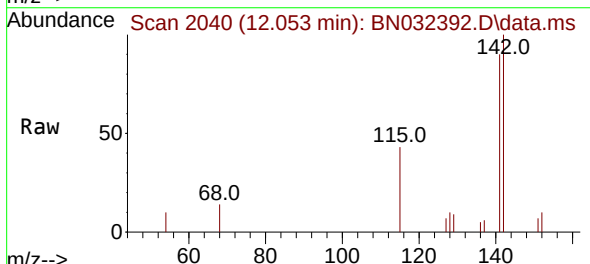
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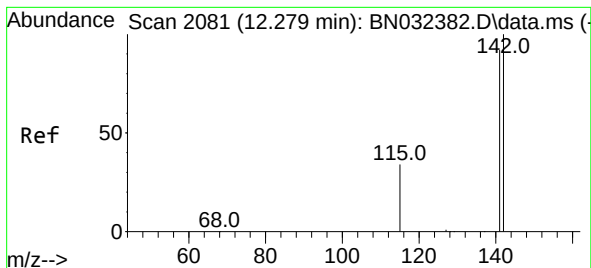
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.053 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

Tgt Ion:142 Resp: 2426
Ion Ratio Lower Upper
142 100
141 90.3 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.273 min Scan# 2080

Delta R.T. -0.022 min

Lab File: BN032392.D

Acq: 02 Jul 2024 09:58

Instrument :

BNA_N

ClientSampleId :

A4C58

Tgt Ion:142 Resp: 191

Ion Ratio Lower Upper

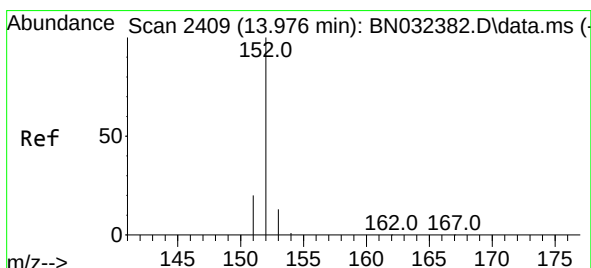
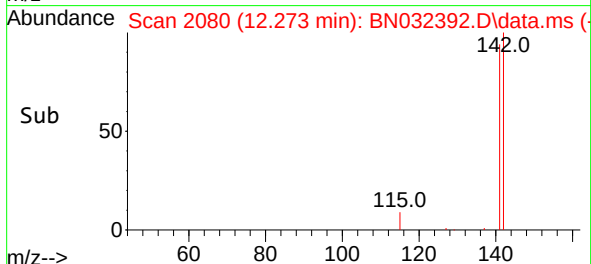
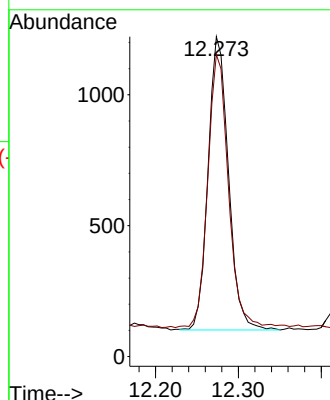
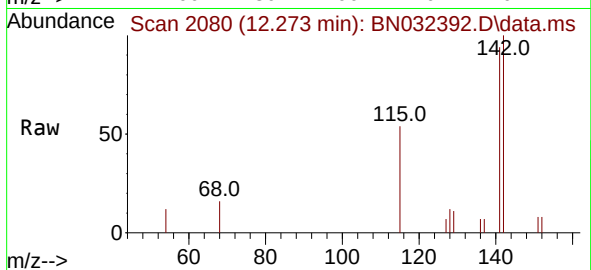
142 100

141 94.2 73.4 110.0

Manual Integrations

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



#10

Acenaphthylene

Concen: 0.132 ng/ul

RT: 13.971 min Scan# 2408

Delta R.T. -0.019 min

Lab File: BN032392.D

Acq: 02 Jul 2024 09:58

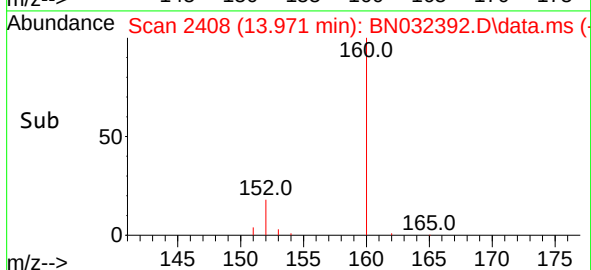
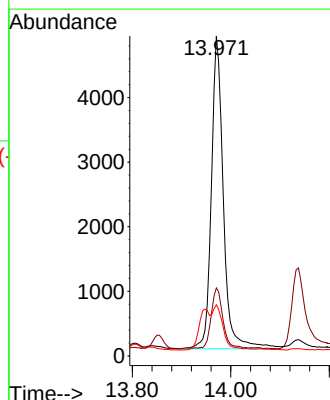
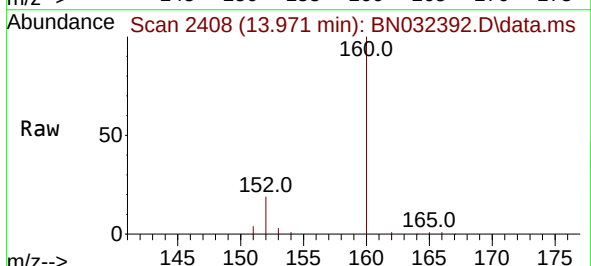
Tgt Ion:152 Resp: 8220

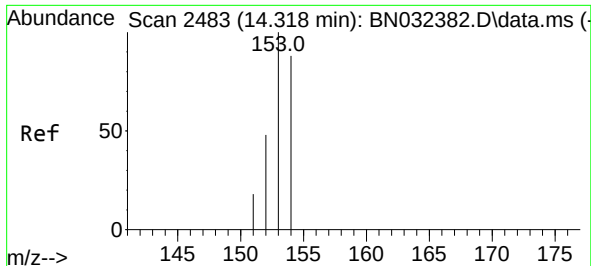
Ion Ratio Lower Upper

152 100

151 21.3 15.7 23.5

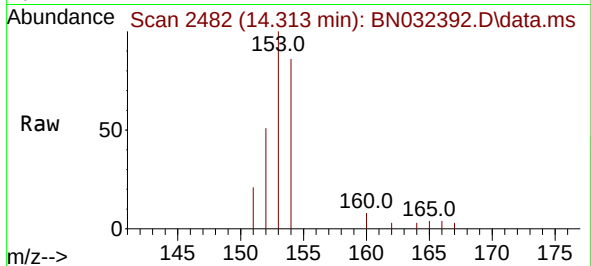
153 16.0 10.9 16.3





#11
Acenaphthene
Concen: 0.107 ng/u1
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

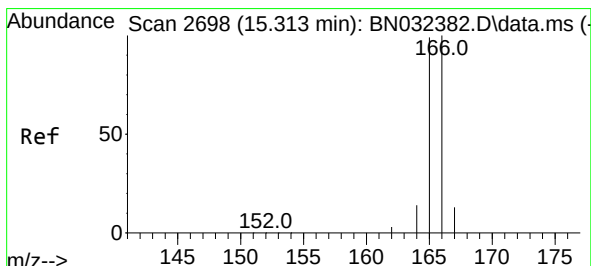
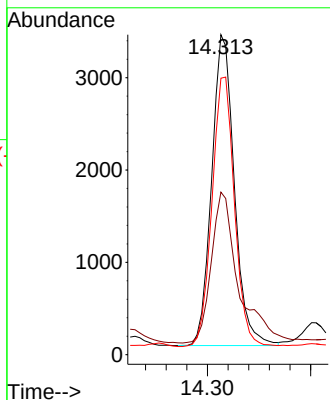
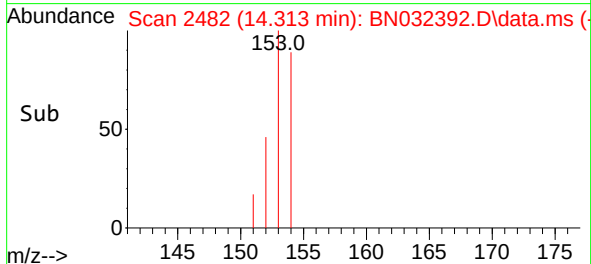
Instrument :
BNA_N
ClientSampleId :
A4C58



Tgt Ion:153 Resp: 513
Ion Ratio Lower Upper
153 100
152 50.8 39.5 59.3
154 86.4 71.7 107.5

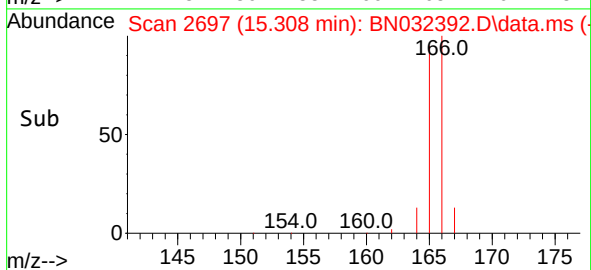
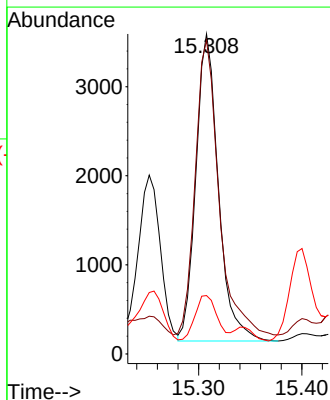
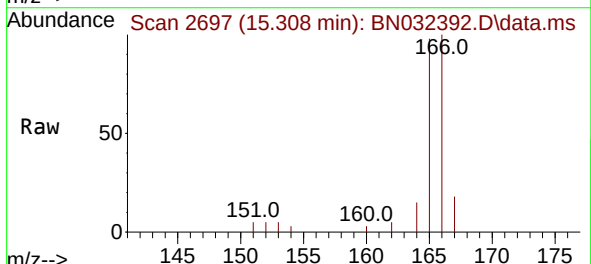
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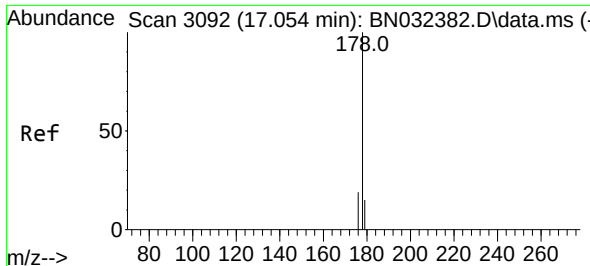
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.091 ng/u1
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

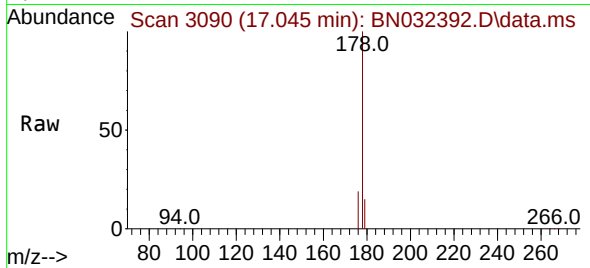
Tgt Ion:166 Resp: 5215
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 18.3 11.0 16.6#





#15
Phenanthrene
Concen: 1.613 ng/ul m
RT: 17.045 min Scan# 3090
Delta R.T. -0.021 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

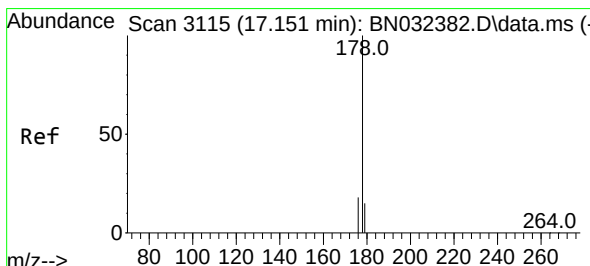
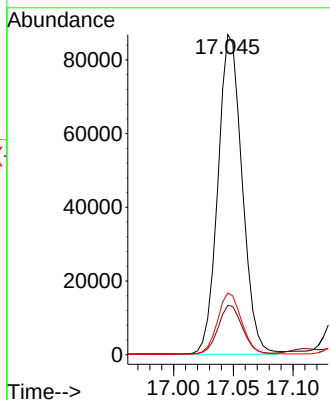
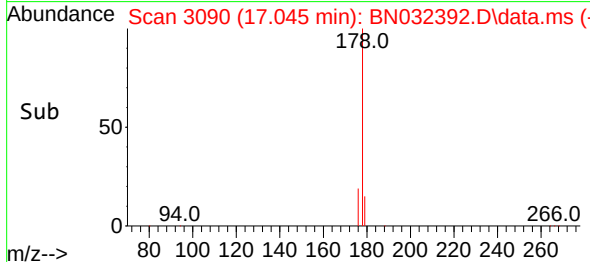
Instrument :
BNA_N
ClientSampleId :
A4C58



Tgt Ion:178 Resp: 12240
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.3 15.6 23.4

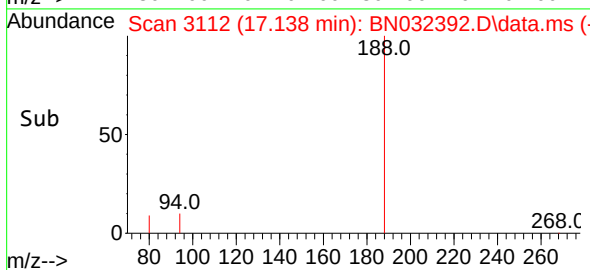
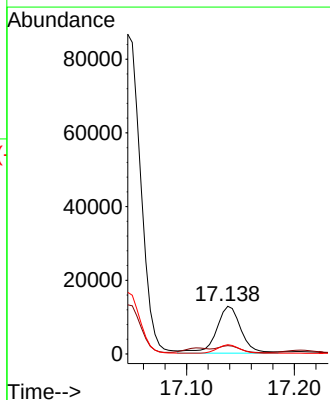
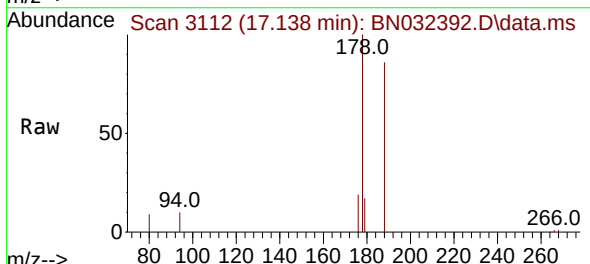
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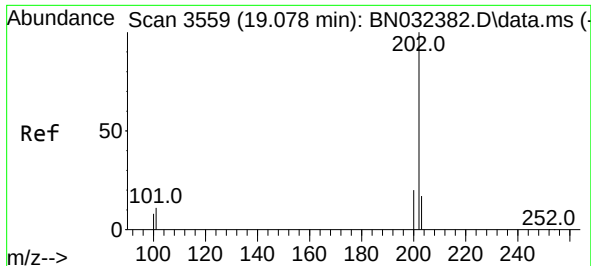
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.300 ng/ul m
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

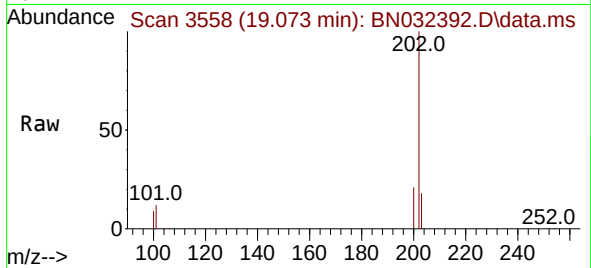
Tgt Ion:178 Resp: 20331
Ion Ratio Lower Upper
178 100
179 17.3 12.5 18.7
176 19.3 15.0 22.6





#19
Fluoranthene
Concen: 3.171 ng/uI
RT: 19.073 min Scan# 3558
Delta R.T. -0.019 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

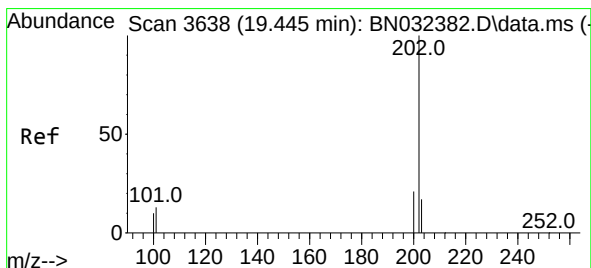
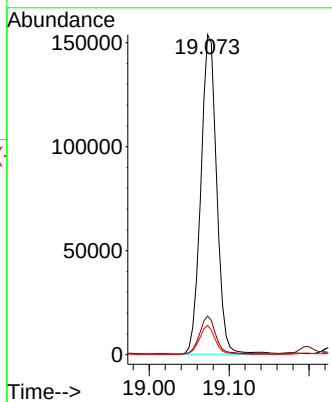
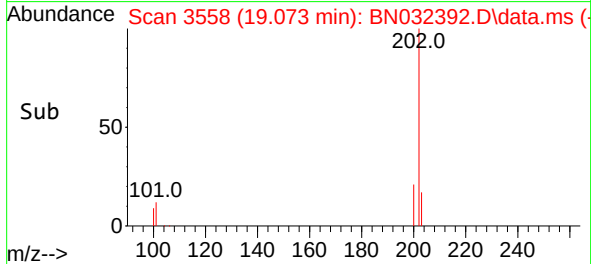
Instrument :
BNA_N
ClientSampleId :
A4C58



Tgt Ion:202 Resp: 21184
Ion Ratio Lower Upper
202 100
101 12.0 8.8 13.2
100 9.1 6.4 9.6

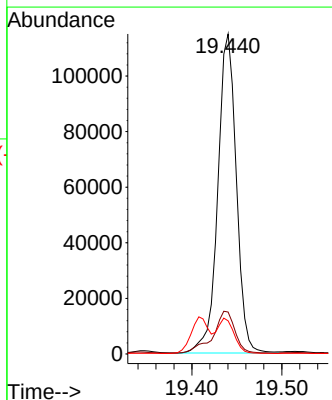
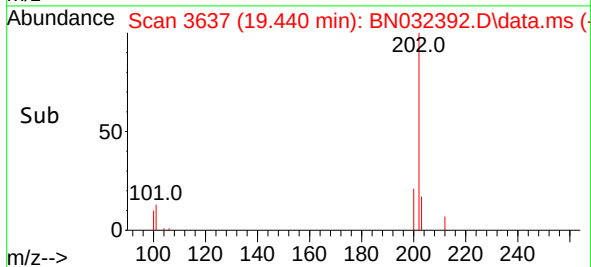
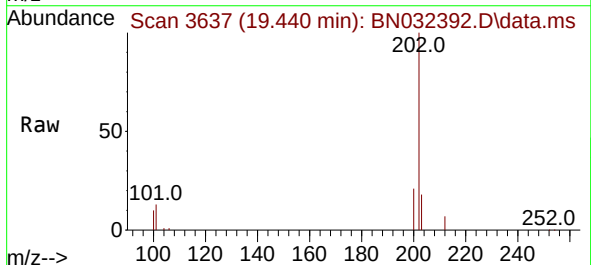
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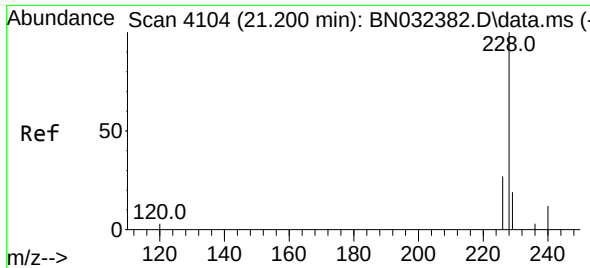
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 2.348 ng/uI
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

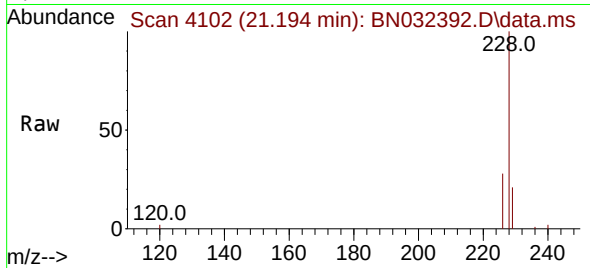
Tgt Ion:202 Resp: 163967
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.323 ng/ul
RT: 21.194 min Scan# 4104
Delta R.T. -0.021 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

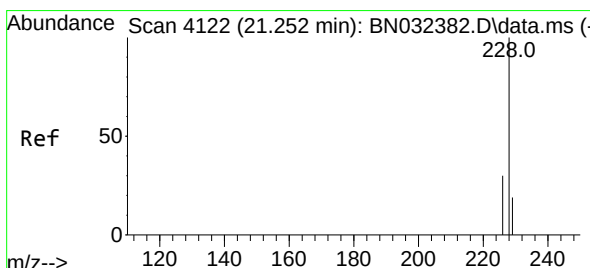
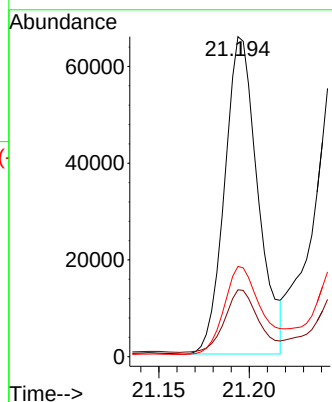
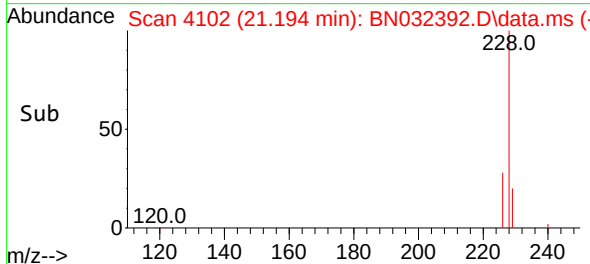
Instrument :
BNA_N
ClientSampleId :
A4C58



Tgt Ion:228 Resp: 8380
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.2 21.8 32.8

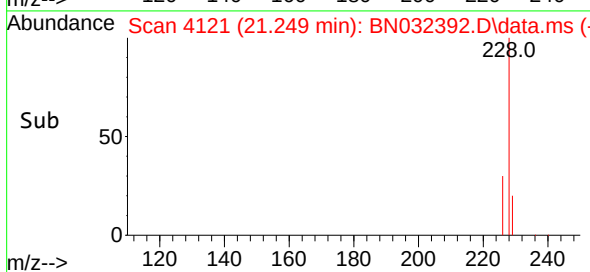
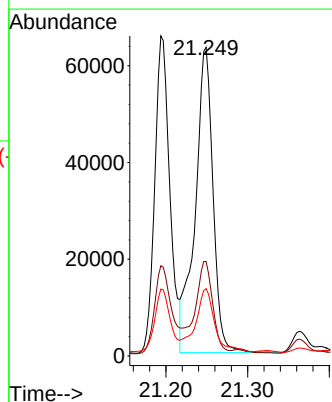
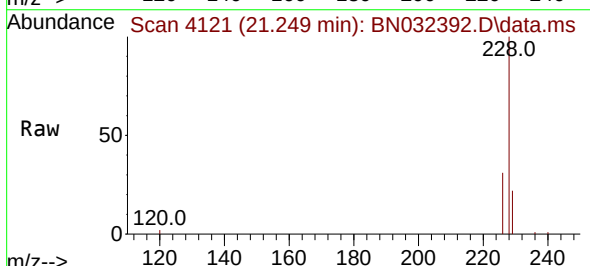
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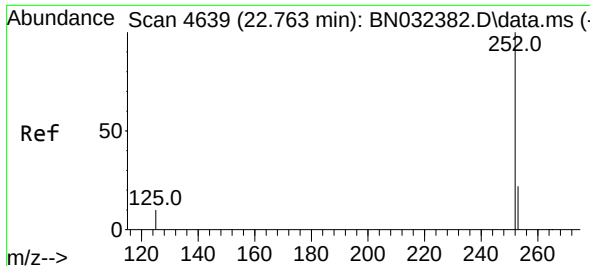
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 1.380 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

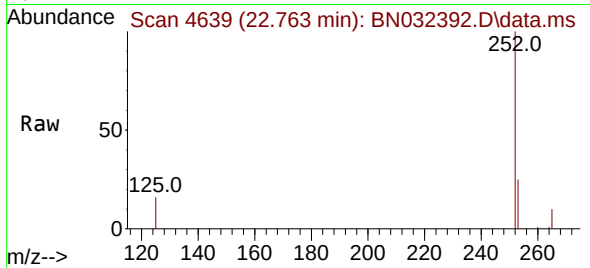
Tgt Ion:228 Resp: 95935
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.552 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

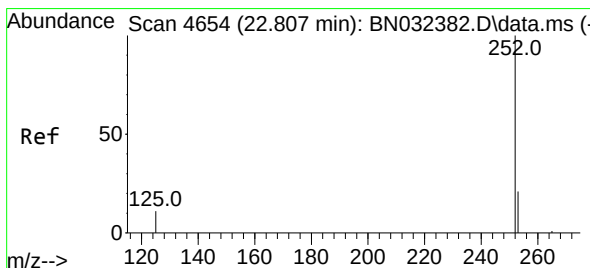
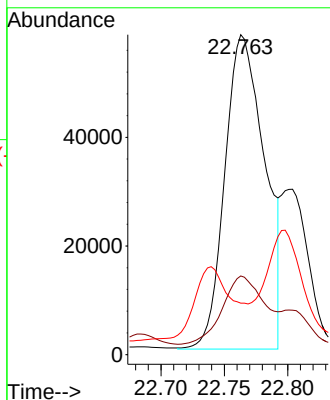
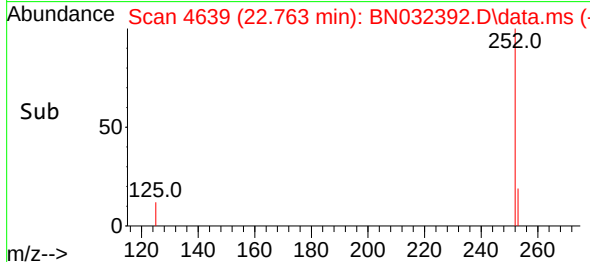
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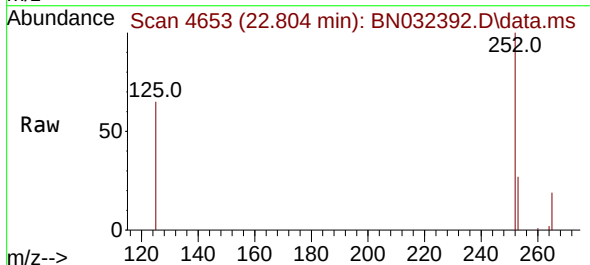
Tgt Ion:252 Resp: 126744
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.2
125 16.1 0.0 32.0

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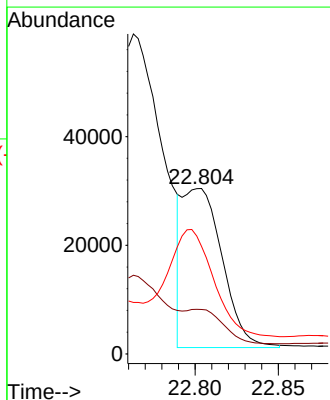
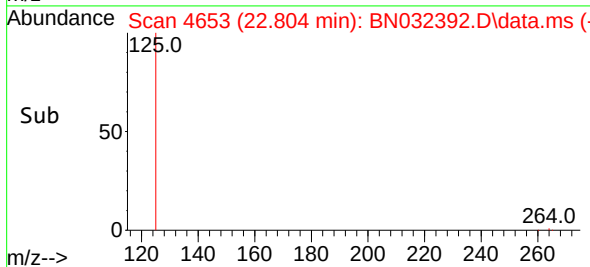
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

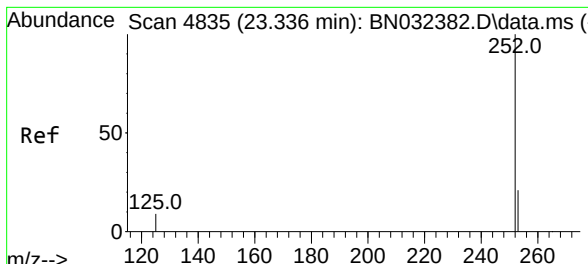


#25
Benzo(k)fluoranthene
Concen: 0.615 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.024 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58



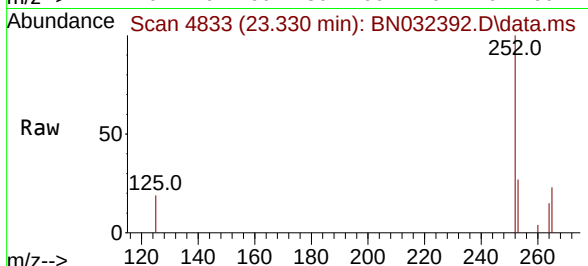
Tgt Ion:252 Resp: 48831
Ion Ratio Lower Upper
252 100
253 26.9 20.3 30.5
125 65.0 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.935 ng/ul
RT: 23.330 min Scan# 4835
Delta R.T. -0.030 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

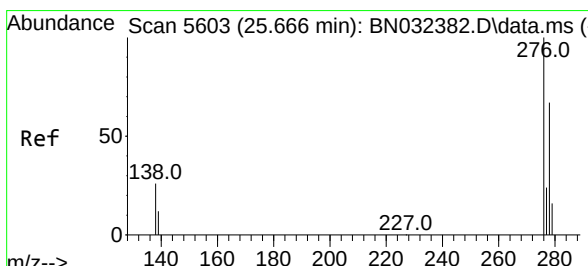
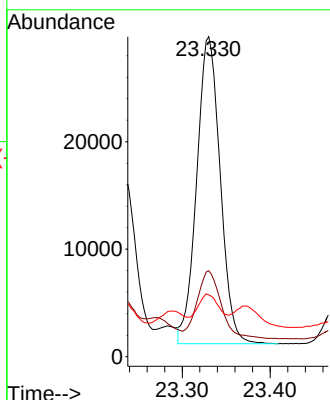
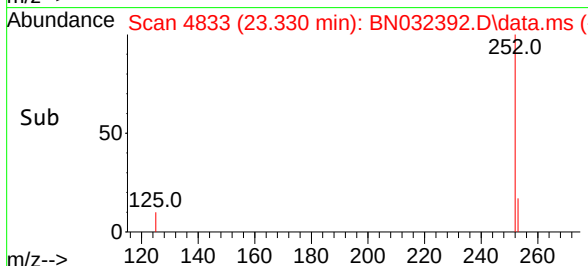
Instrument :
BNA_N
ClientSampleId :
A4C58



Tgt Ion:252 Resp: 5312
Ion Ratio Lower Upper
252 100
253 26.9 22.2 33.2
125 19.3 16.4 24.6

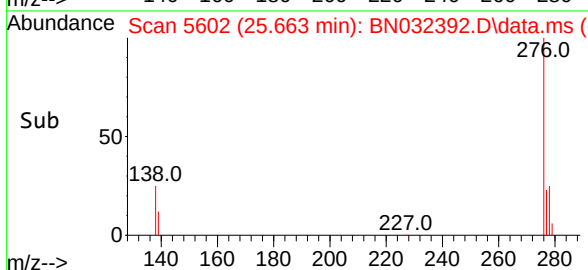
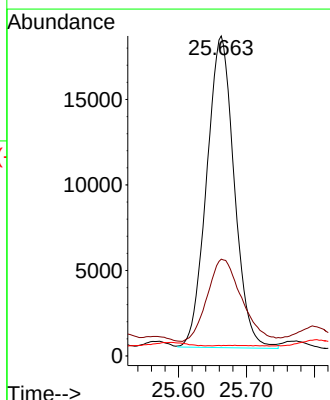
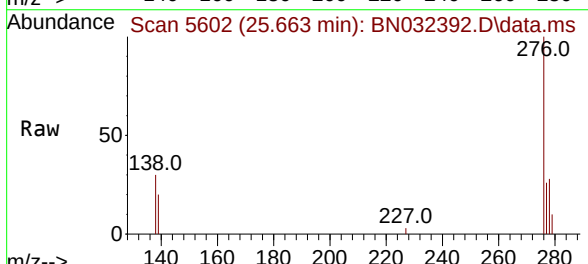
Manual Integrations
APPROVED

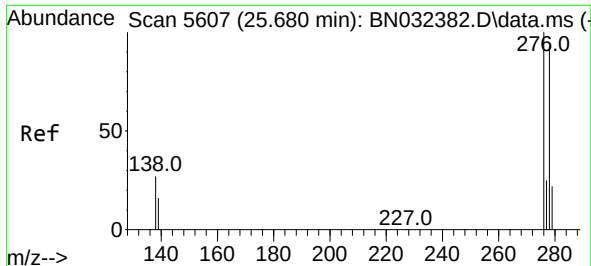
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.576 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

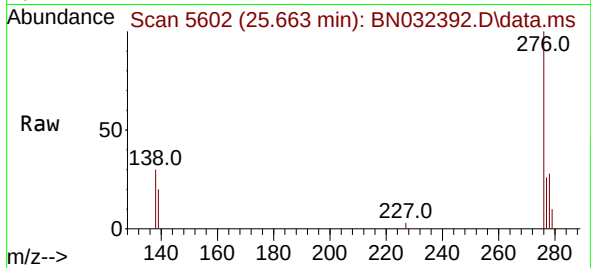
Tgt Ion:276 Resp: 51299
Ion Ratio Lower Upper
276 100
138 33.3 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.245 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58

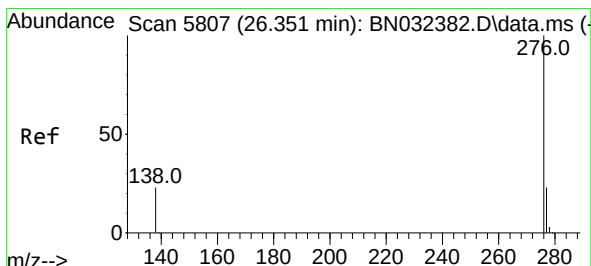
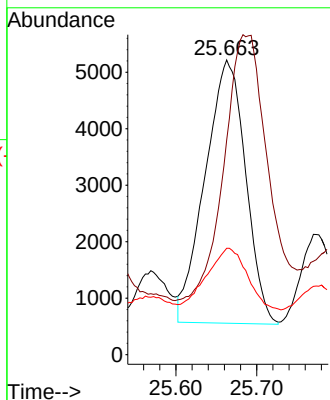
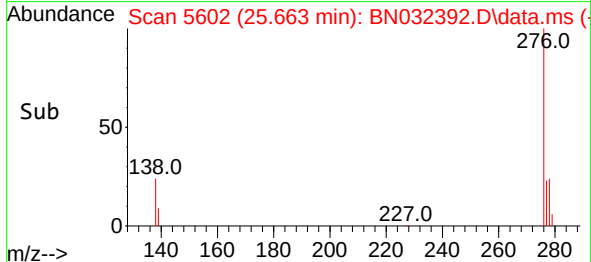
Instrument :
BNA_N
ClientSampleId :
A4C58



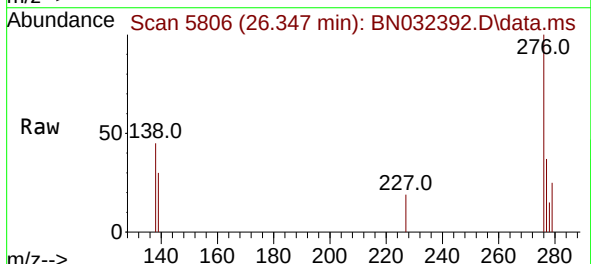
Tgt Ion:278 Resp: 16229
Ion Ratio Lower Upper
278 100
139 72.8 15.9 23.9#
279 36.1 21.1 31.7#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032392.D
Acq: 02 Jul 2024 09:58



Tgt Ion:276 Resp: 9621
Ion Ratio Lower Upper
276 100
138 44.6 19.8 29.6#
277 37.5 19.8 29.6#

