

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026511.D
 Acq On : 14 Jul 2023 21:58
 Operator : MA/JU
 Sample : 03414-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:56:25 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	2858	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	9187	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.584	164	6016	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	20584	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	11853	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	11418	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1978	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	4732	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	14167	0.345	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	4520	1.269	ng/ul	92
5) Naphthalene	10.809	128	8665	0.343	ng/ul	98
7) 2-Methylnaphthalene	12.420	142	5473	0.382	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	6422	0.419	ng/ul	99
10) Acenaphthylene	14.306	152	11176	0.379	ng/ul	98
11) Acenaphthene	14.649	153	9521	0.424	ng/ul	99
12) Fluorene	15.634	166	12257	0.521	ng/ul	99
14) Pentachlorophenol	16.988	266	2293	0.442	ng/ul	97
15) Phenanthrene	17.372	178	70314	1.073	ng/ul	98
16) Anthracene	17.465	178	24322	0.428	ng/ul	98
19) Fluoranthene	19.387	202	128383	2.311	ng/ul	97
20) Pyrene	19.749	202	121631	2.016	ng/ul	98
21) Benzo(a)anthracene	21.497	228	61864	1.420	ng/ul	97
22) Chrysene	21.549	228	65779	1.327	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	71254	1.602	ng/ul	88
25) Benzo(k)fluoranthene	23.236	252	30699m	0.658	ng/ul	
26) Benzo(a)pyrene	23.823	252	48991	1.237	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.447	276	38805	0.748	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.460	278	17172	0.431	ng/ul	94
29) Benzo(g,h,i)perylene	27.225	276	37269	0.813	ng/ul#	90

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

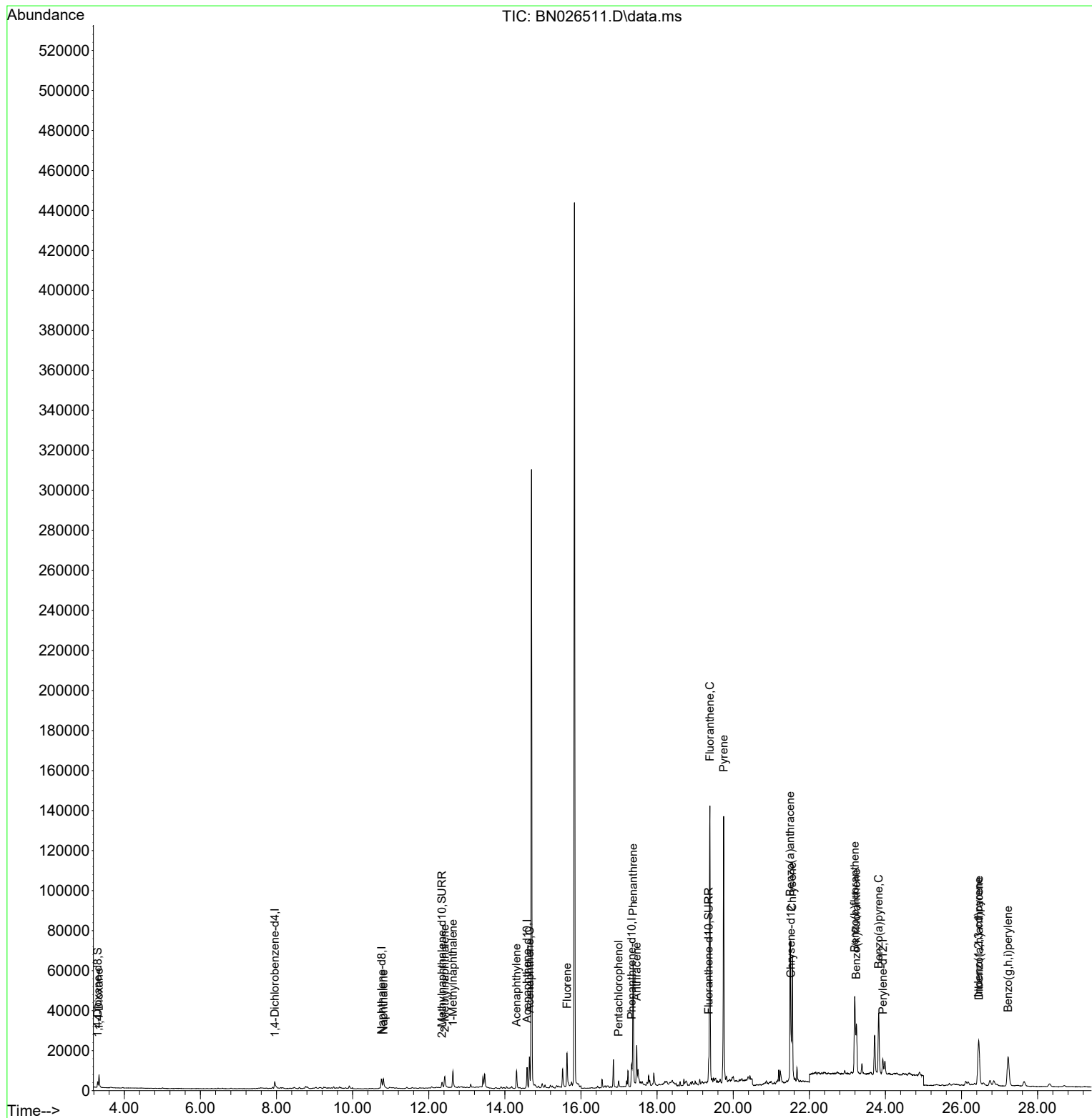
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
Data File : BN026511.D
Acq On : 14 Jul 2023 21:58
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Sample : 03414-20MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

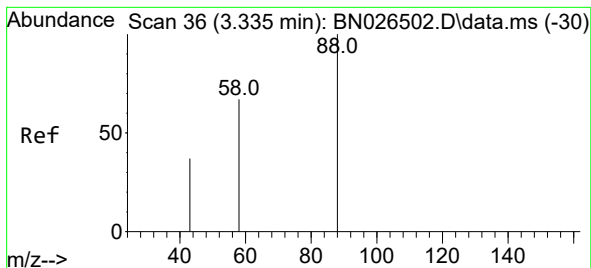
Instrument :
BNA_N
ClientSampleId :
A4634MS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:56:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.269 ng/ul

RT: 3.335 min Scan# 30

Delta R.T. -0.000 min

Lab File: BN026511.D

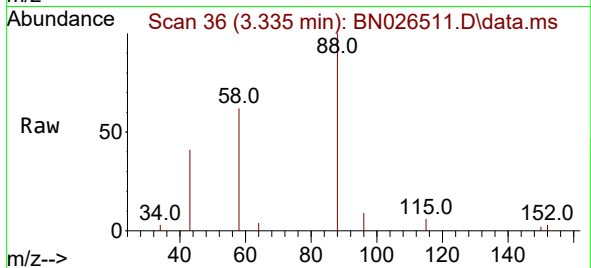
Acq: 14 Jul 2023 21:58

Instrument :

BNA_N

ClientSampleId :

A4634MS



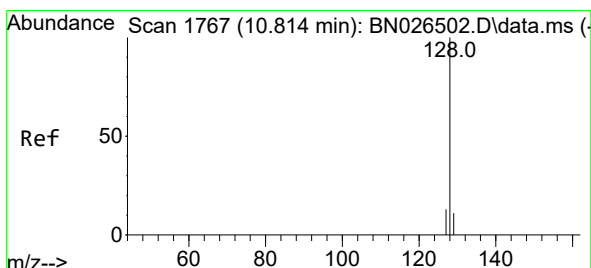
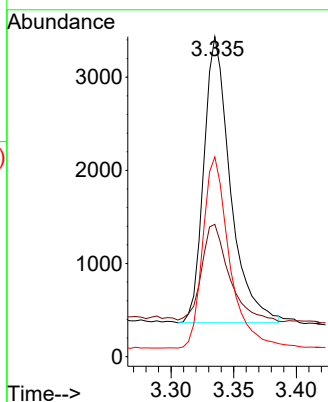
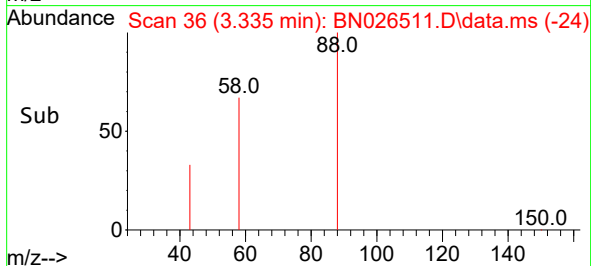
Tgt Ion: 88 Resp: 4520

Ion	Ratio	Lower	Upper
88	100		
43	41.4	33.0	49.6
58	62.5	41.7	62.5

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#5

Naphthalene

Concen: 0.343 ng/ul

RT: 10.809 min Scan# 1766

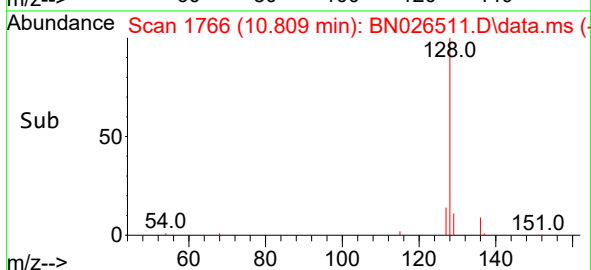
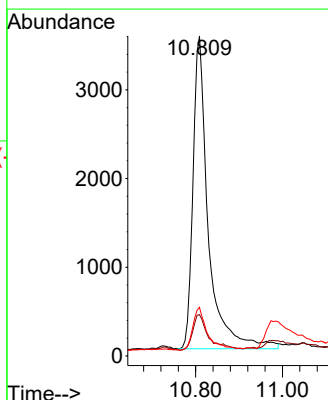
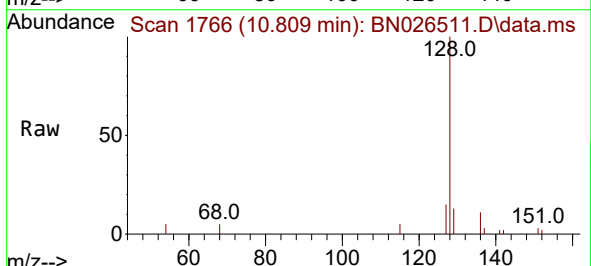
Delta R.T. -0.006 min

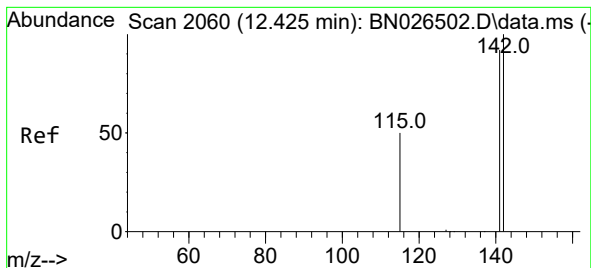
Lab File: BN026511.D

Acq: 14 Jul 2023 21:58

Tgt Ion:128 Resp: 8665

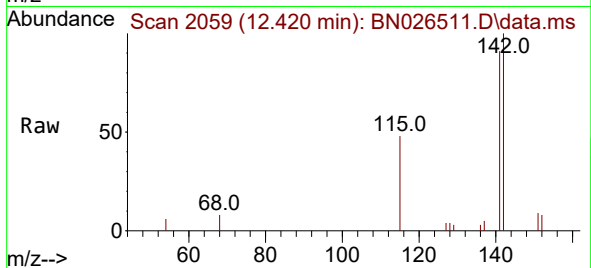
Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.2	15.2
127	15.2	11.4	17.0





#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

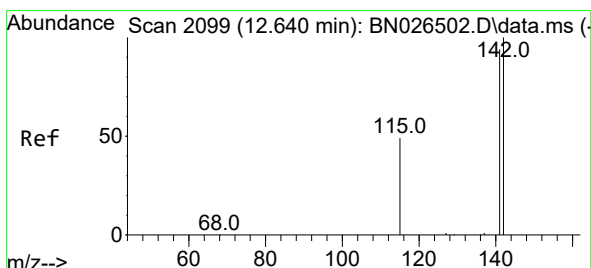
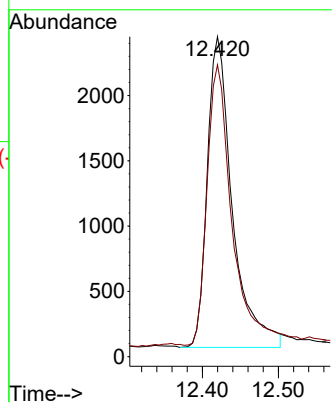
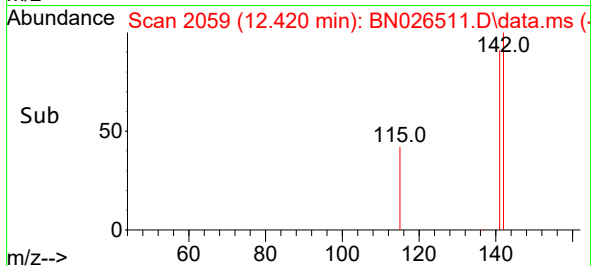
Instrument :
BNA_N
ClientSampleId :
A4634MS



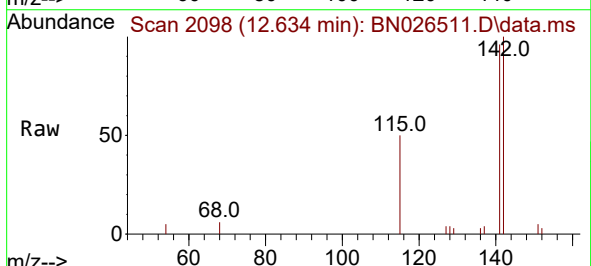
Tgt Ion:142 Resp: 547
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5

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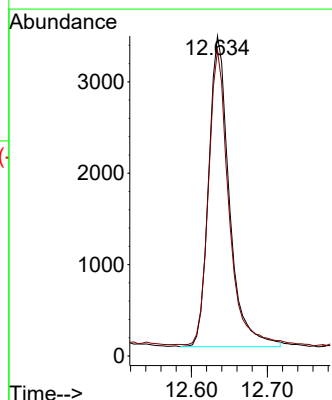
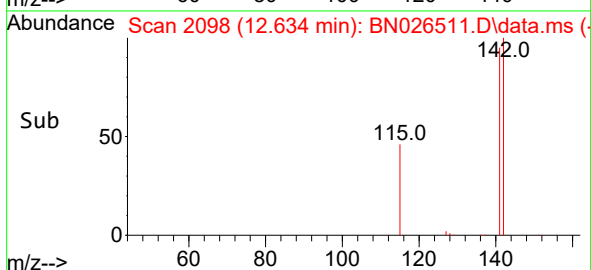
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

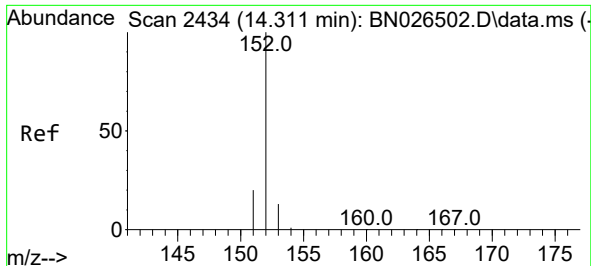


#8
1-Methylnaphthalene
Concen: 0.419 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58



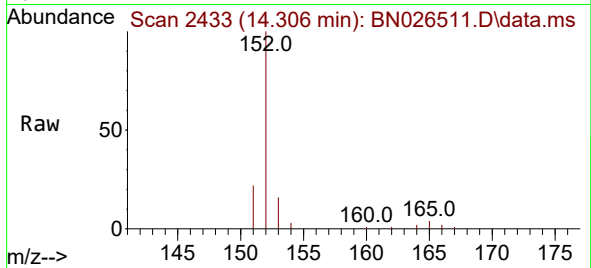
Tgt Ion:142 Resp: 6422
Ion Ratio Lower Upper
142 100
141 92.1 74.5 111.7





#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

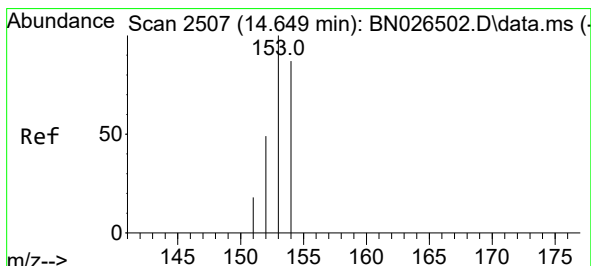
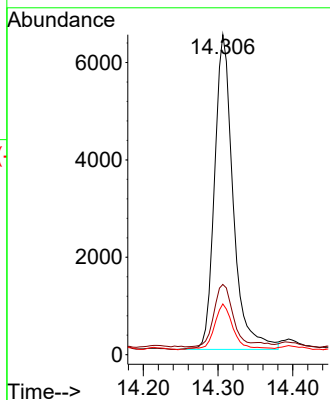
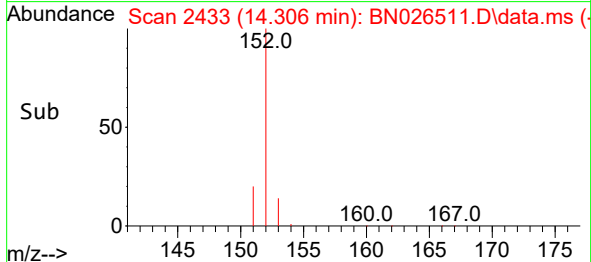
Instrument :
BNA_N
ClientSampleId :
A4634MS



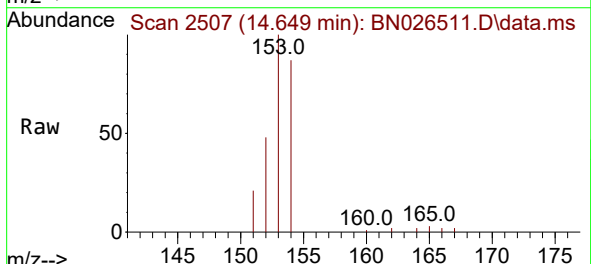
Tgt Ion:152 Resp: 11170
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.6
153 15.8 11.4 17.2

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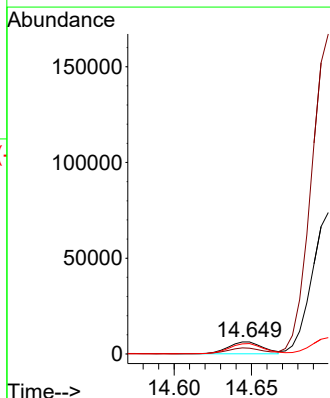
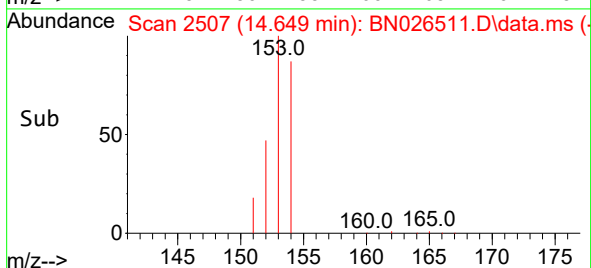
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

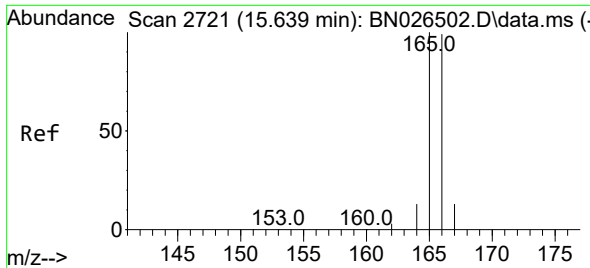


#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58



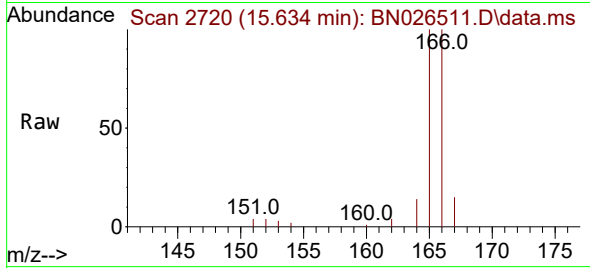
Tgt Ion:153 Resp: 9521
Ion Ratio Lower Upper
153 100
152 48.3 40.2 60.4
154 87.0 69.3 103.9





#12
Fluorene
Concen: 0.521 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

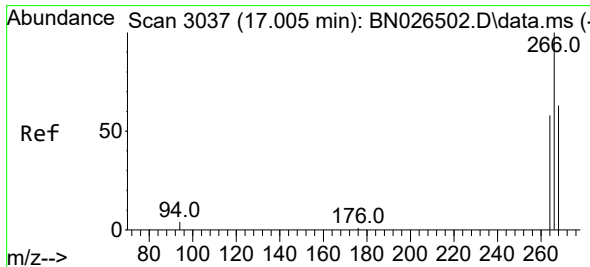
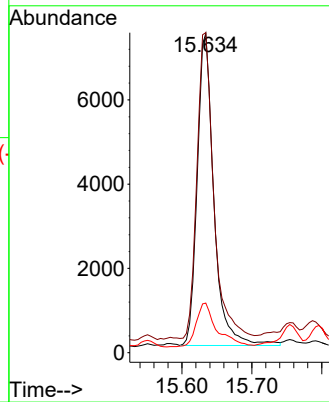
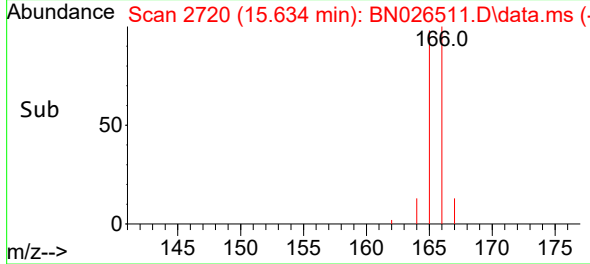
Instrument :
BNA_N
ClientSampleId :
A4634MS



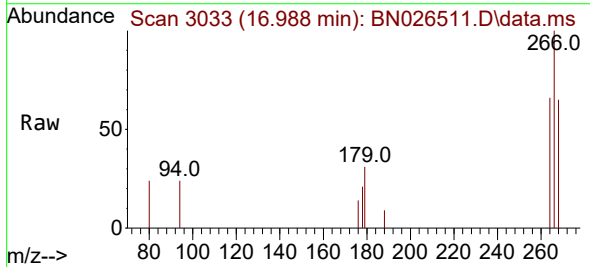
Tgt Ion:166 Resp: 1225
Ion Ratio Lower Upper
166 100
165 100.3 80.6 120.8
167 15.5 12.0 18.0

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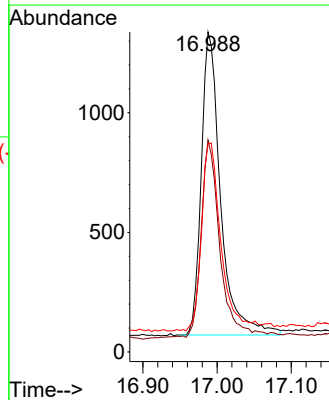
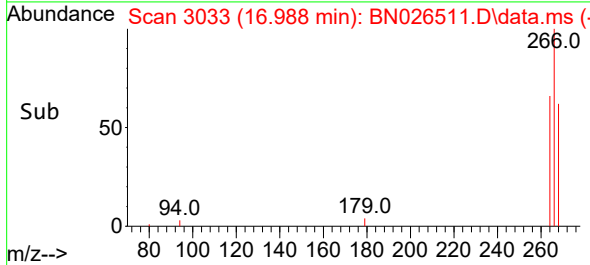
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

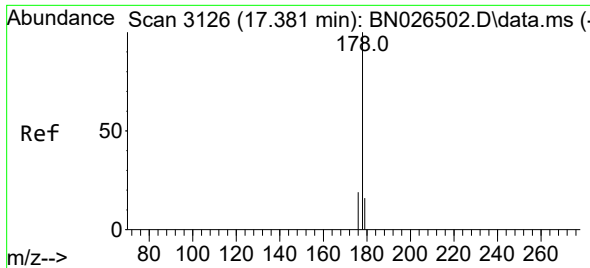


#14
Pentachlorophenol
Concen: 0.442 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. -0.017 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58



Tgt Ion:266 Resp: 2293
Ion Ratio Lower Upper
266 100
264 61.9 52.0 78.0
268 63.8 53.0 79.6





#15

Phenanthrene

Concen: 1.073 ng/ul

RT: 17.372 min Scan# 3126

Delta R.T. -0.009 min

Lab File: BN026511.D

Acq: 14 Jul 2023 21:58

Instrument :

BNA_N

ClientSampleId :

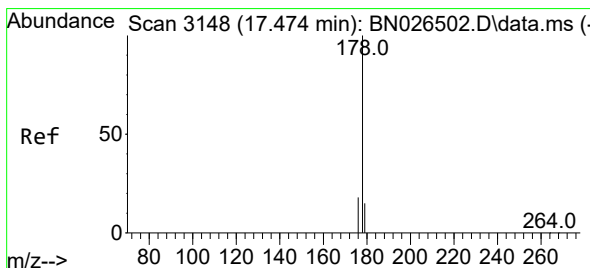
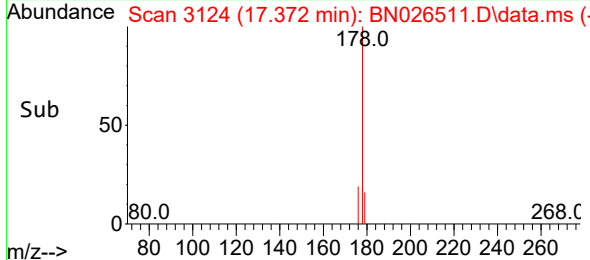
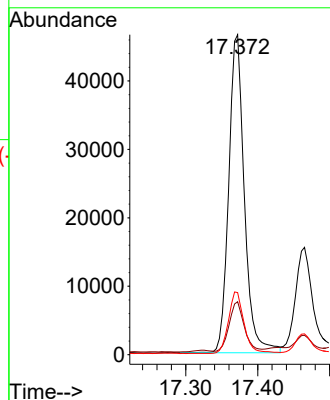
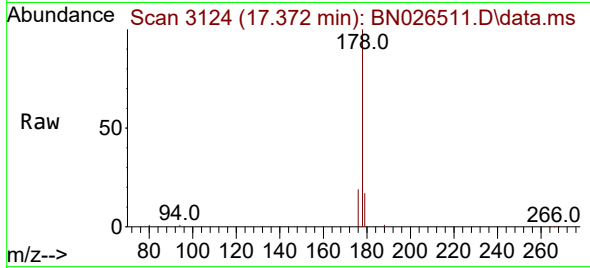
A4634MS

Tgt Ion:178	Resp:	70314
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.7 20.5
176	19.4	16.5 24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/15/2023
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#16

Anthracene

Concen: 0.428 ng/ul

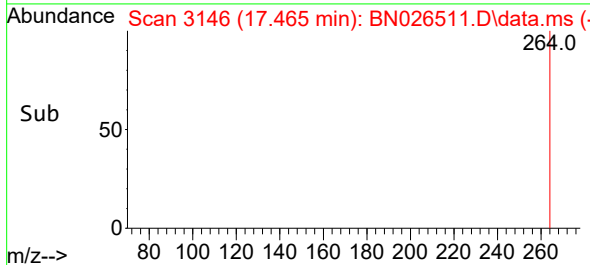
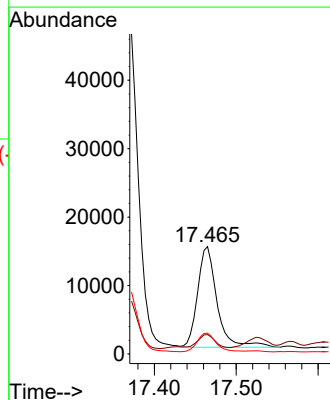
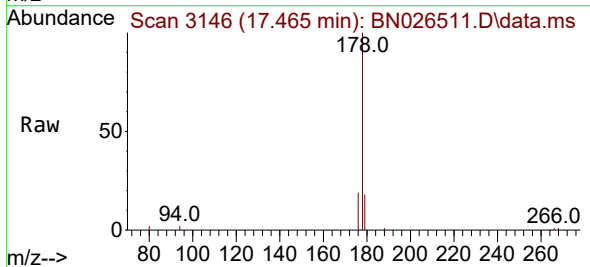
RT: 17.465 min Scan# 3146

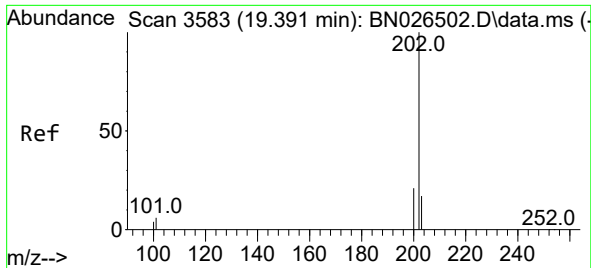
Delta R.T. -0.009 min

Lab File: BN026511.D

Acq: 14 Jul 2023 21:58

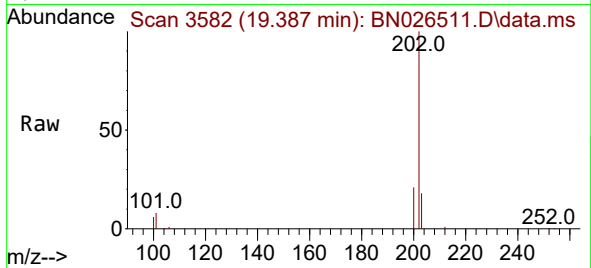
Tgt Ion:178	Resp:	24322
Ion Ratio	Lower	Upper
178	100	
179	18.1	14.8 22.2
176	19.3	16.6 25.0





#19
Fluoranthene
Concen: 2.311 ng/ul
RT: 19.387 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

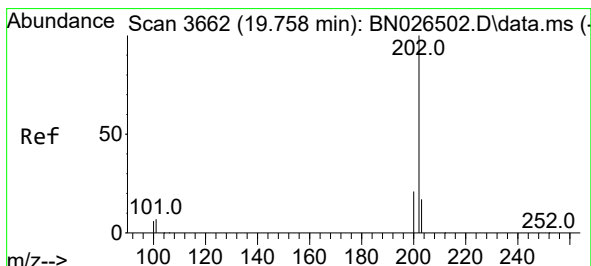
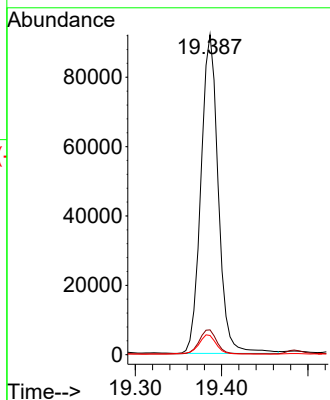
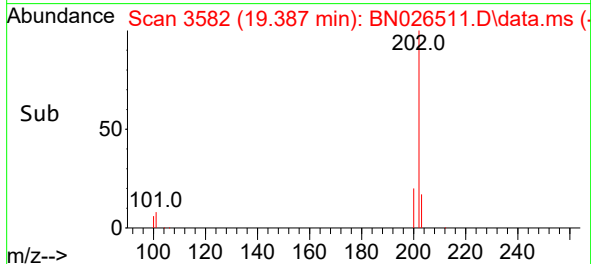
Instrument :
BNA_N
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A4634MS



Tgt Ion:202 Resp: 12838
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.4
100 6.0 6.0 9.0

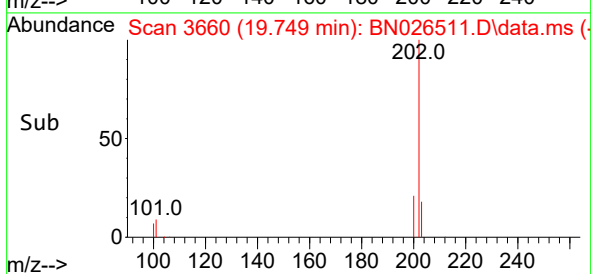
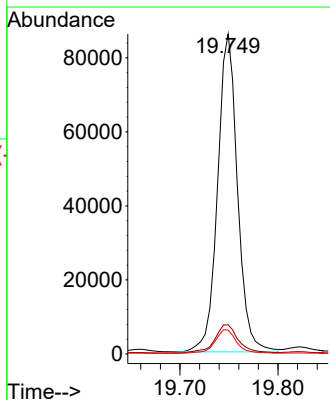
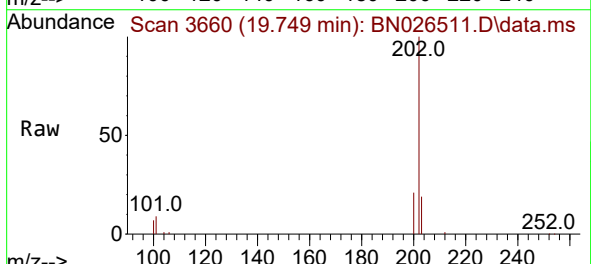
Manual Integrations
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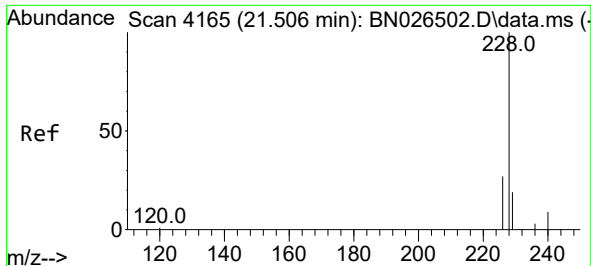
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 2.016 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

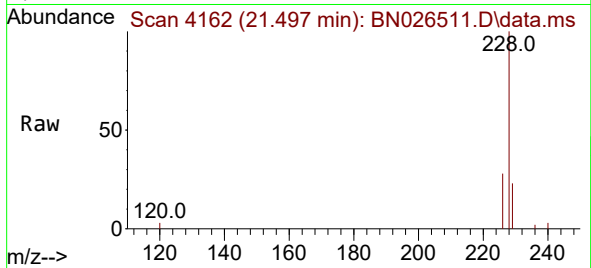
Tgt Ion:202 Resp: 121631
Ion Ratio Lower Upper
202 100
101 9.1 8.0 12.0
100 7.4 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.420 ng/ul
RT: 21.497 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

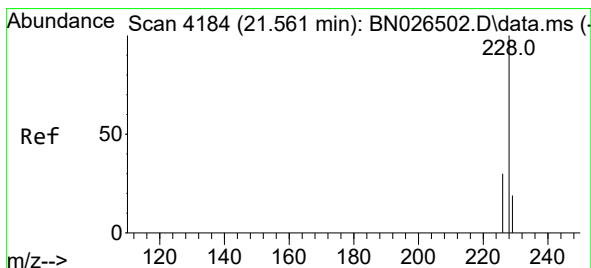
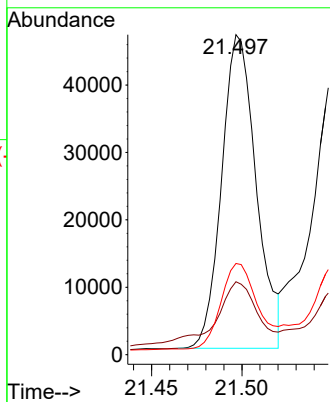
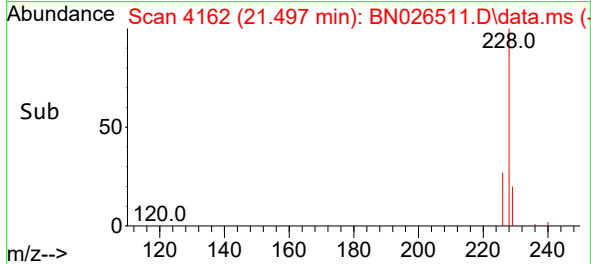
Instrument :
BNA_N
ClientSampleId :
A4634MS



Tgt Ion:228 Resp: 61864
Ion Ratio Lower Upper
228 100
229 22.8 16.7 25.1
226 28.5 23.5 35.3

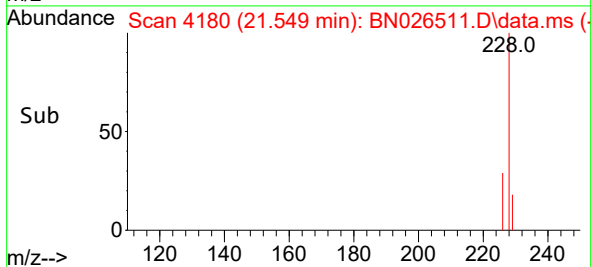
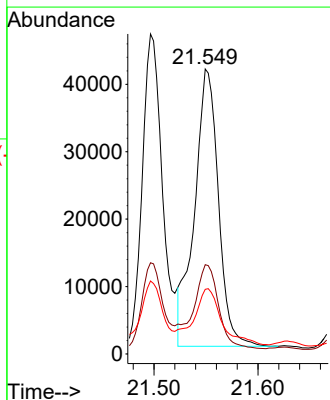
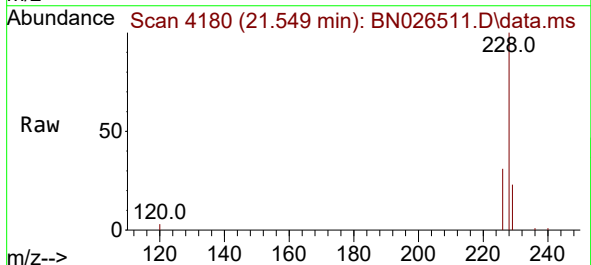
Manual Integrations
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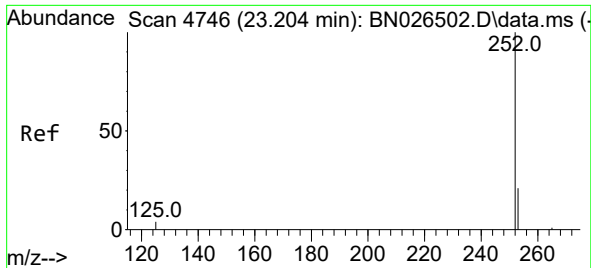
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 1.327 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.012 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

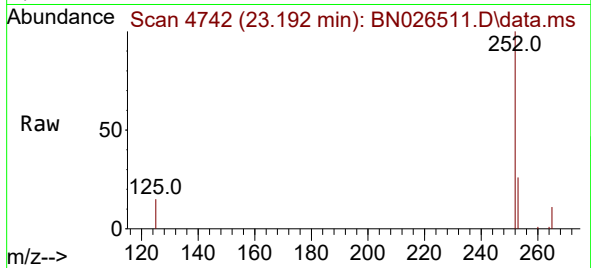
Tgt Ion:228 Resp: 65779
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 22.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.602 ng/ul
RT: 23.192 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

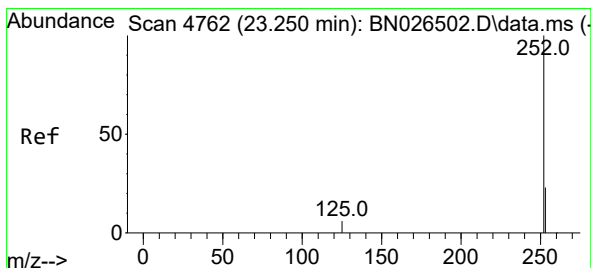
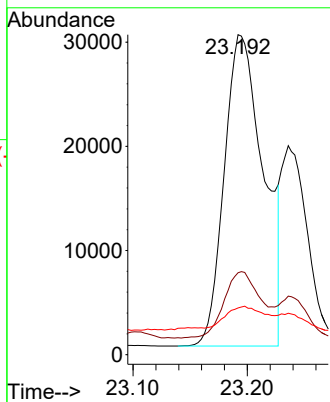
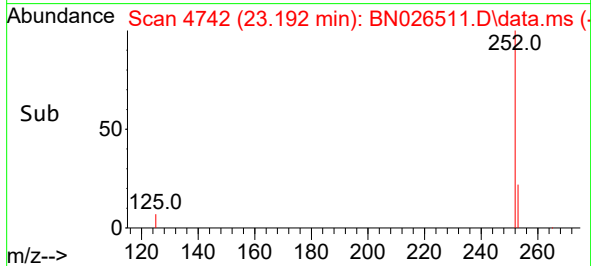
Instrument :
BNA_N
ClientSampleId :
A4634MS



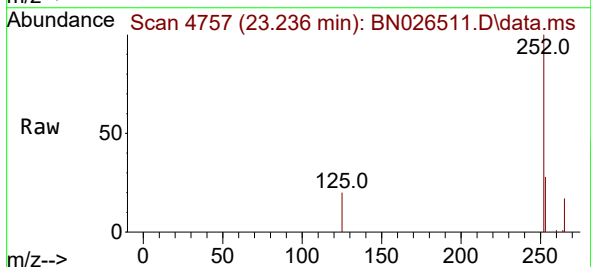
Tgt Ion:252 Resp: 71254
Ion Ratio Lower Upper
252 100
253 25.6 0.0 68.6
125 14.6 0.0 34.0

Manual Integrations
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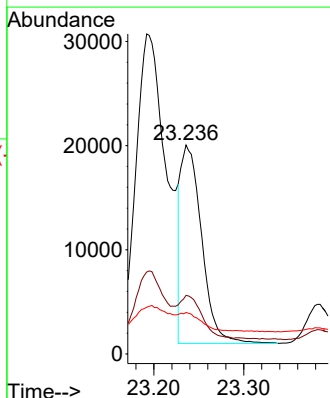
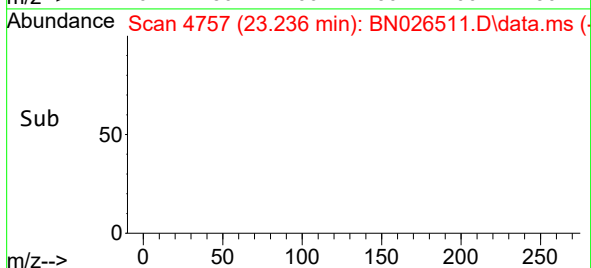
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

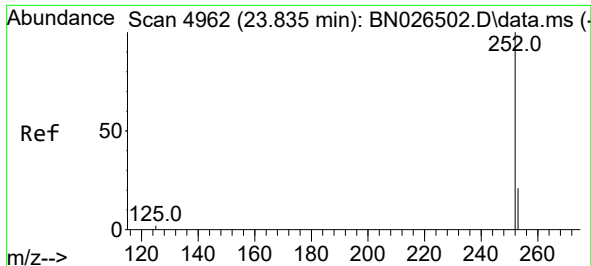


#25
Benzo(k)fluoranthene
Concen: 0.658 ng/ul m
RT: 23.236 min Scan# 4757
Delta R.T. -0.015 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58



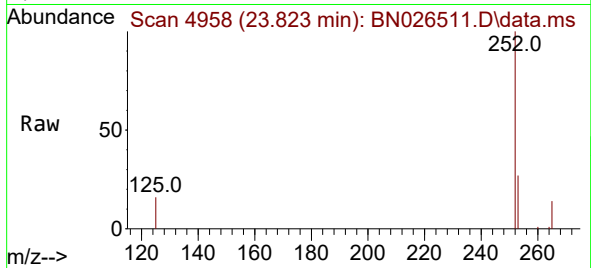
Tgt Ion:252 Resp: 30699
Ion Ratio Lower Upper
252 100
253 28.1 27.2 40.8
125 19.8 13.4 20.2





#26
Benzo(a)pyrene
Concen: 1.237 ng/ul
RT: 23.823 min Scan# 4958
Delta R.T. -0.012 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

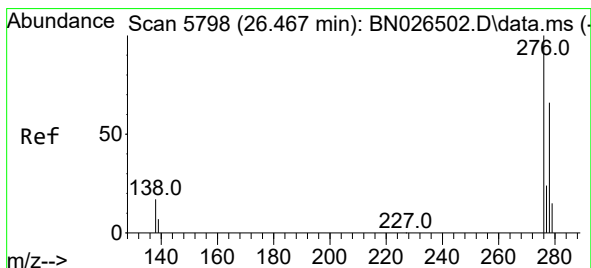
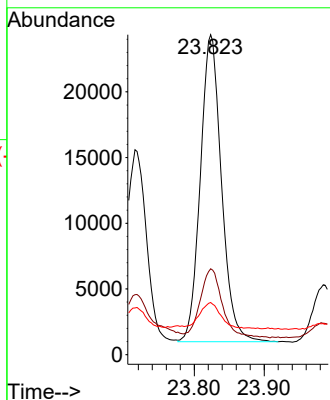
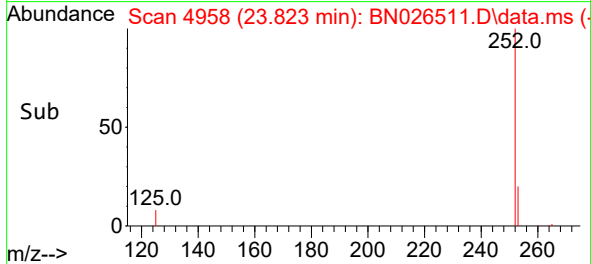
Instrument :
BNA_N
ClientSampleId :
A4634MS



Tgt Ion:252 Resp: 4899
Ion Ratio Lower Upper
252 100
253 26.9 32.6 49.0#
125 16.3 19.3 28.9#

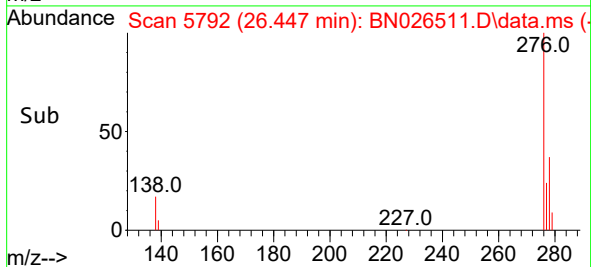
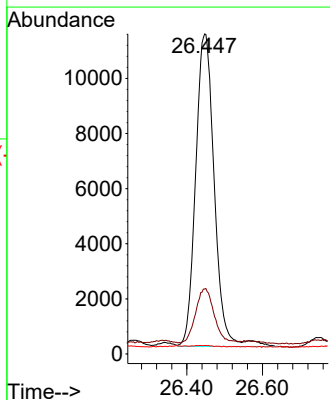
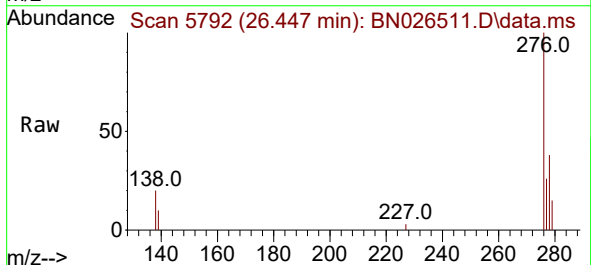
Manual Integrations
APPROVED

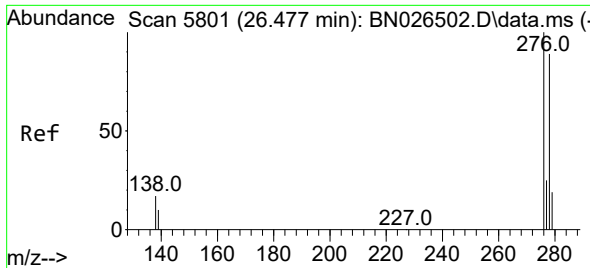
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.748 ng/ul
RT: 26.447 min Scan# 5792
Delta R.T. -0.020 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

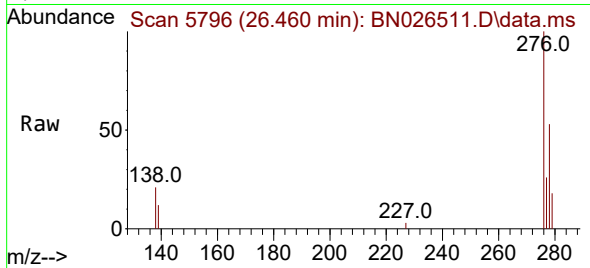
Tgt Ion:276 Resp: 38805
Ion Ratio Lower Upper
276 100
138 17.8 22.2 33.4#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 26.460 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58

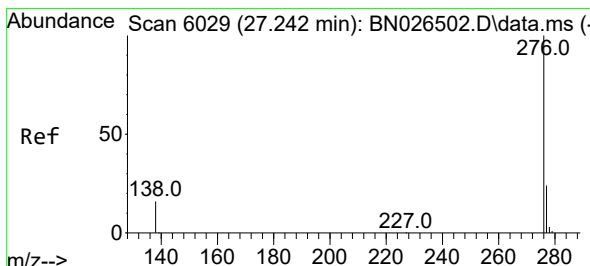
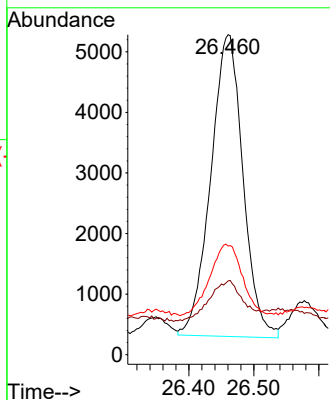
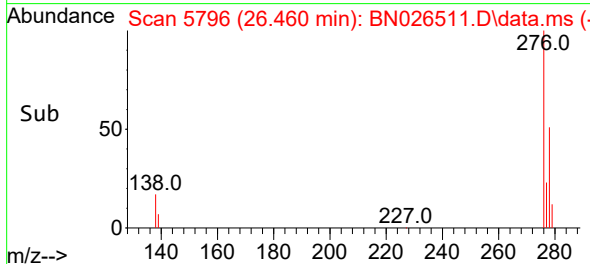
Instrument :
BNA_N
ClientSampleId :
A4634MS



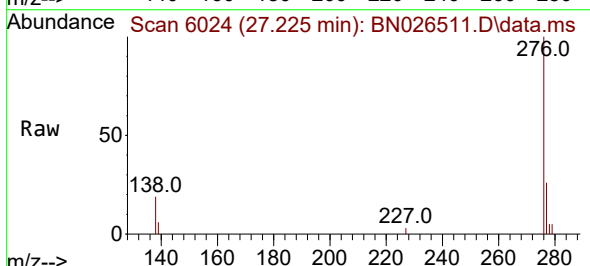
Tgt Ion:278 Resp: 17172
Ion Ratio Lower Upper
278 100
139 23.0 18.9 28.3
279 34.0 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#29
Benzo(g,h,i)perylene
Concen: 0.813 ng/ul
RT: 27.225 min Scan# 6024
Delta R.T. -0.017 min
Lab File: BN026511.D
Acq: 14 Jul 2023 21:58



Tgt Ion:276 Resp: 37269
Ion Ratio Lower Upper
276 100
138 19.3 22.6 34.0#
277 26.2 21.8 32.8

