

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026605.D
 Acq On : 20 Jul 2023 23:51
 Operator : MA/JU
 Sample : 03501-16MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 00:48:24 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 : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	1880	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.636	136	6447	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	4616	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.240	188	100792	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.411	240	11533	0.400	ng/ul	# 0.00
23) Perylene-d12	23.781	264	10080	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	554	0.224	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	2224	0.254	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	5617	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	1744	0.744	ng/ul#	17
5) Naphthalene	10.685	128	7814	0.441	ng/ul	95
7) 2-Methylnaphthalene	12.297	142	8566	0.853	ng/ul	96
8) 1-Methylnaphthalene	12.517	142	8678	0.807	ng/ul	96
10) Acenaphthylene	14.194	152	13160	0.582	ng/ul#	93
11) Acenaphthene	14.536	153	16813	0.976	ng/ul	98
12) Fluorene	15.522	166	25909	1.434	ng/ul	100
15) Phenanthrene	17.257	178	268978	0.838	ng/ul	97
16) Anthracene	17.350	178	35527	0.128	ng/ul	98
19) Fluoranthene	19.278	202	401760	7.432	ng/ul	99
20) Pyrene	19.641	202	106326	1.811	ng/ul	97
21) Benzo(a)anthracene	21.393	228	202728	4.783	ng/ul	98
22) Chrysene	21.446	228	173722	3.601	ng/ul	98
24) Benzo(b)fluoranthene	23.059	252	150596m	3.835	ng/ul	
25) Benzo(k)fluoranthene	23.103	252	73685m	1.790	ng/ul	
26) Benzo(a)pyrene	23.676	252	10548	0.302	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.231	276	18904	0.413	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.237	278	25086	0.713	ng/ul	92

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

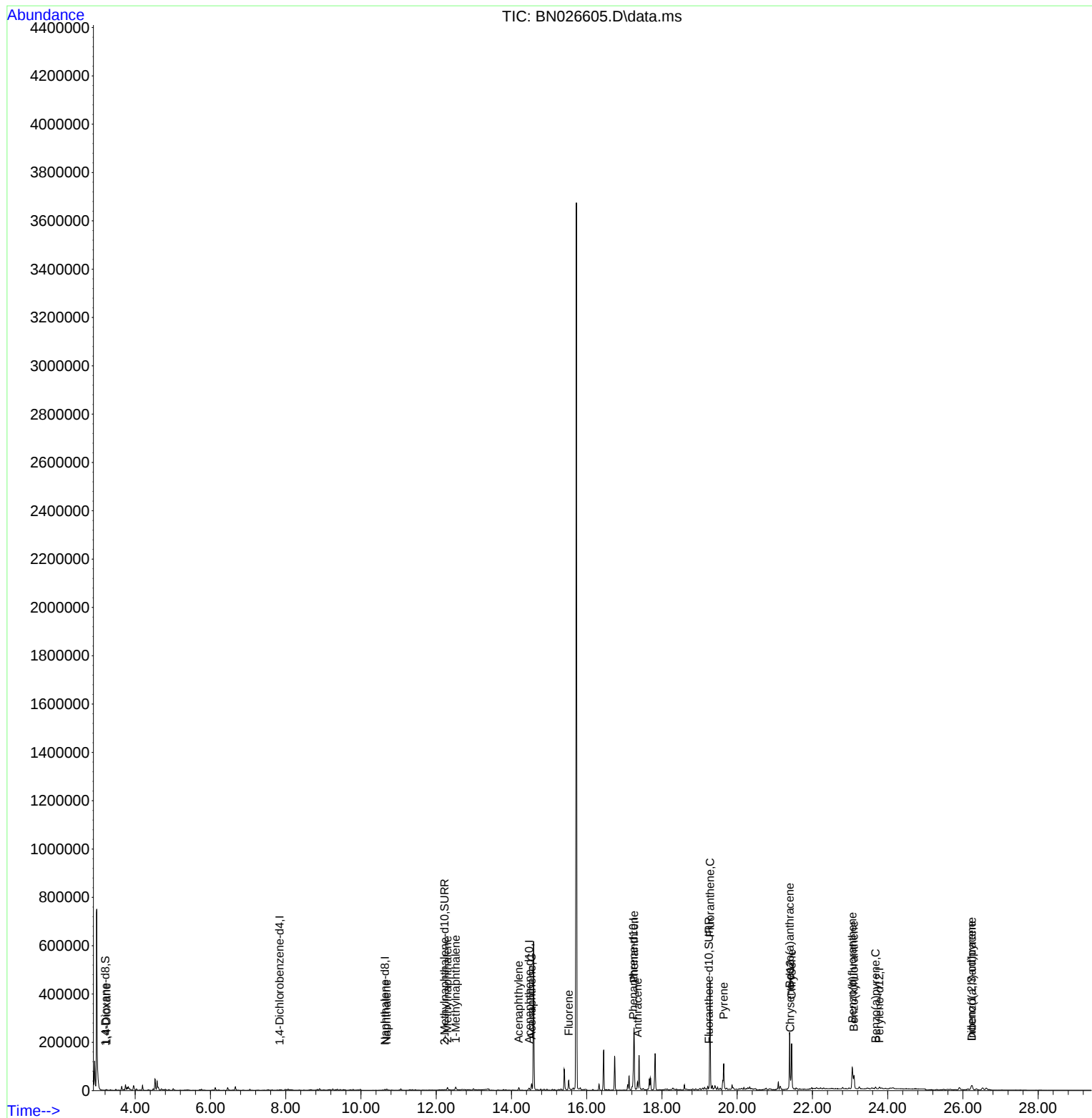
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026605.D
Acq On : 20 Jul 2023 23:51
Operator : MA/JU
Sample : 03501-16MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

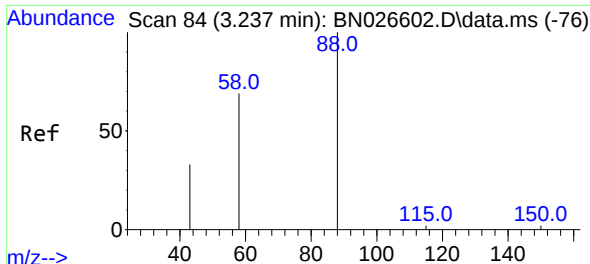
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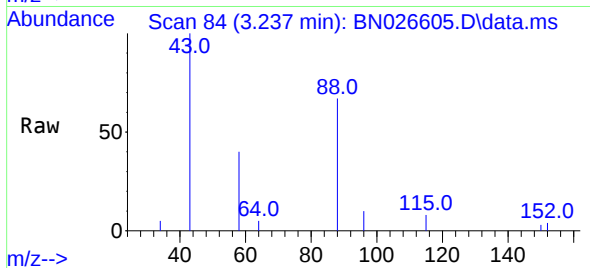
Quant Time: Jul 21 00:48:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.744 ng/ul
RT: 3.237 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

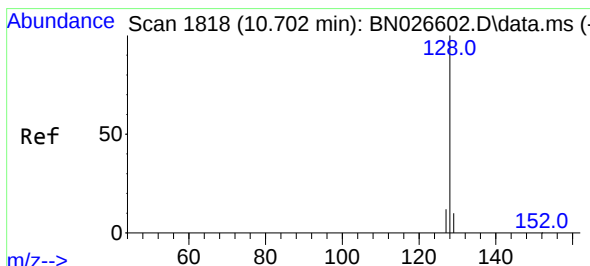
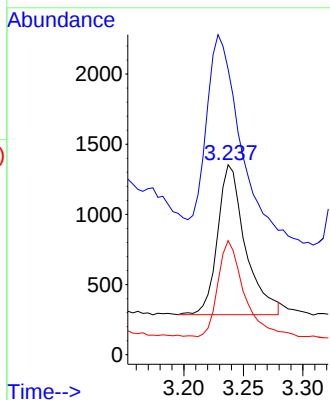
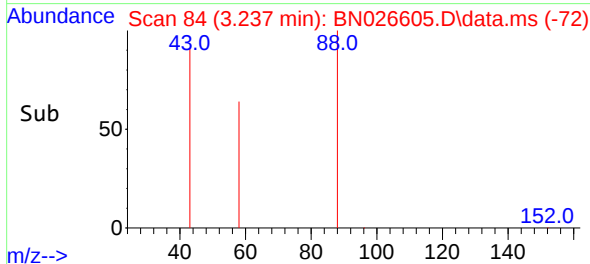
Instrument :
BNA_N
ClientSampleId :
A46X7MS



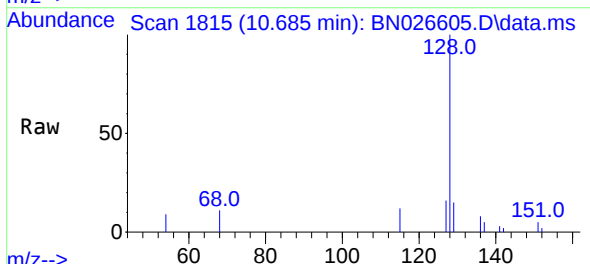
Tgt Ion: 88 Resp: 1744
Ion Ratio Lower Upper
88 100
43 150.3 33.0 49.6
58 60.1 41.7 62.5

Manual Integrations
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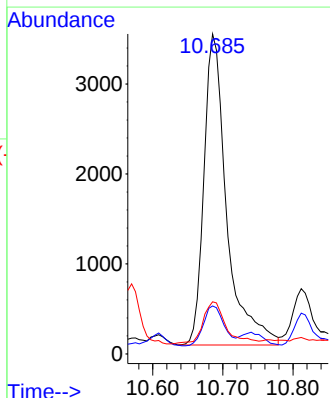
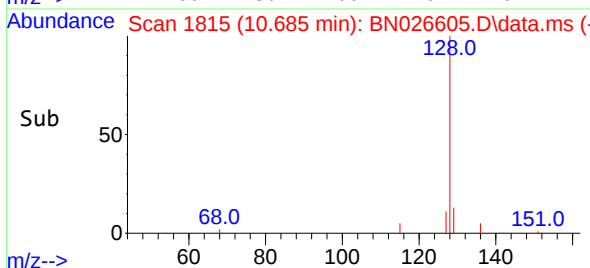
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

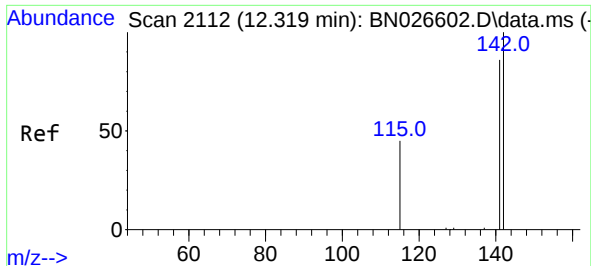


#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51



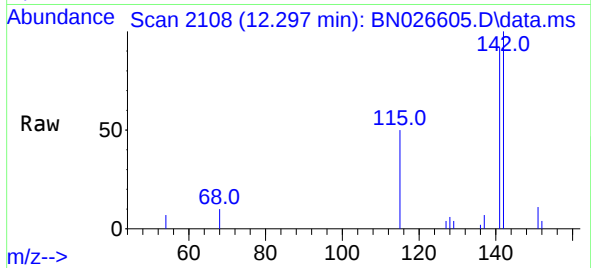
Tgt Ion:128 Resp: 7814
Ion Ratio Lower Upper
128 100
129 15.0 10.2 15.2
127 16.3 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.853 ng/ul
RT: 12.297 min Scan# 2108
Delta R.T. -0.022 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

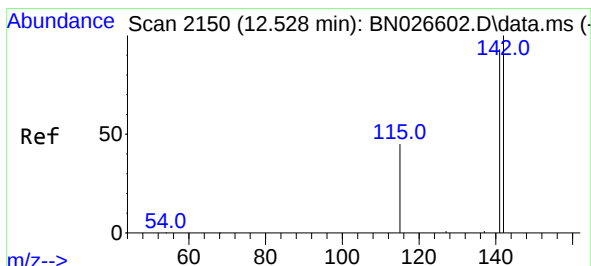
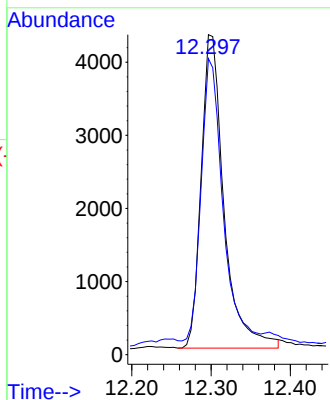
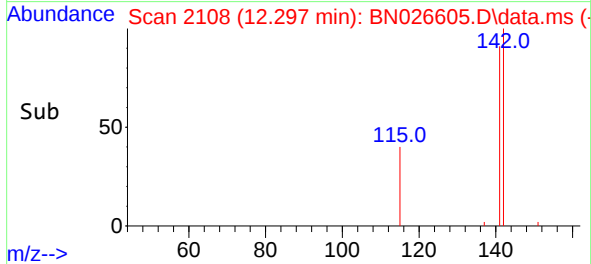
Instrument :
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A46X7MS



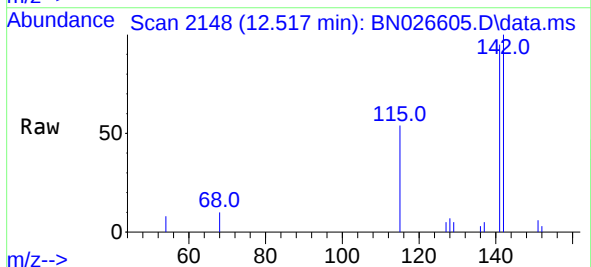
Tgt Ion:142 Resp: 8560
Ion Ratio Lower Upper
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141 86.4 72.3 108.5

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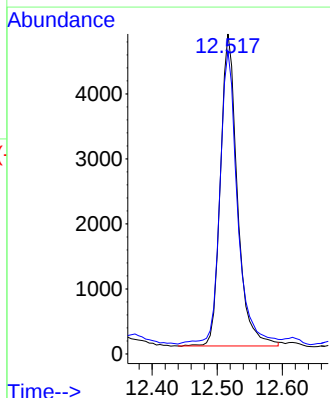
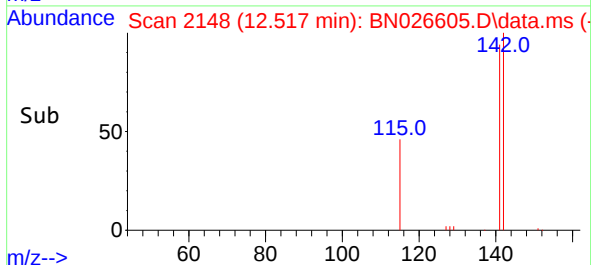
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

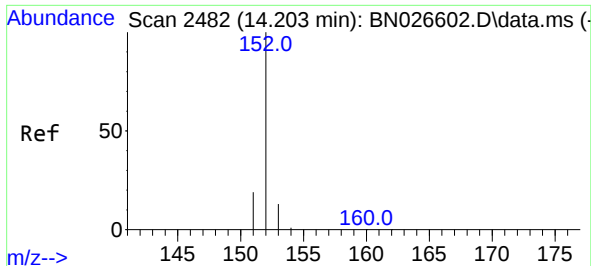


#8
1-Methylnaphthalene
Concen: 0.807 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51



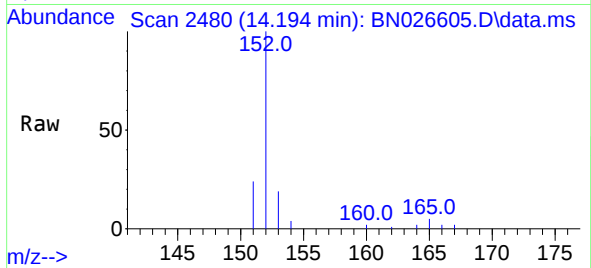
Tgt Ion:142 Resp: 8678
Ion Ratio Lower Upper
142 100
141 97.1 74.5 111.7





#10
Acenaphthylene
Concen: 0.582 ng/ul
RT: 14.194 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

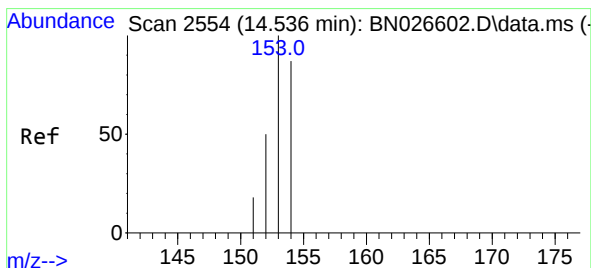
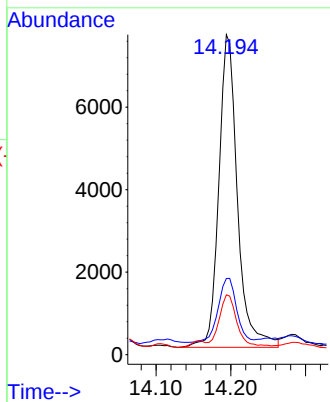
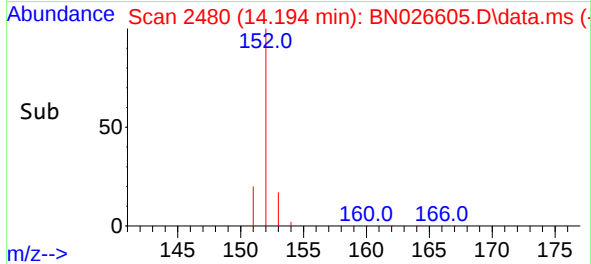
Instrument :
BNA_N
ClientSampleId :
A46X7MS



Tgt Ion:152 Resp: 13160
Ion Ratio Lower Upper
152 100
151 23.8 17.0 25.6
153 18.7 11.4 17.2

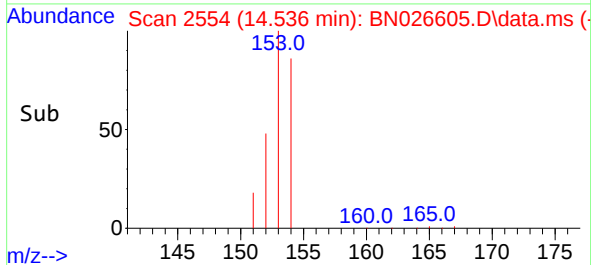
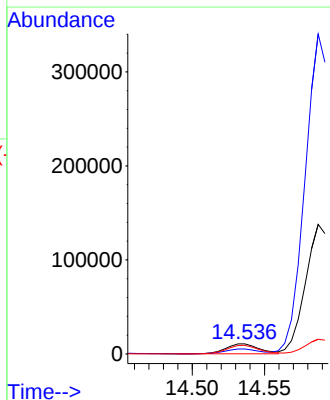
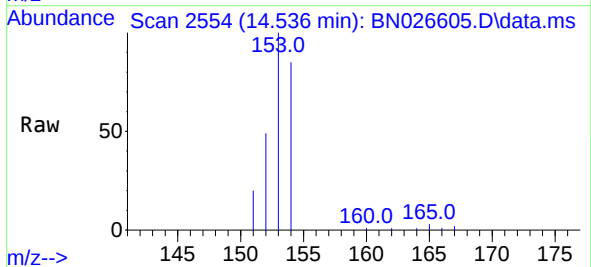
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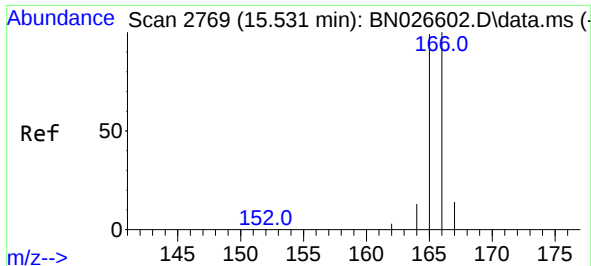
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#11
Acenaphthene
Concen: 0.976 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

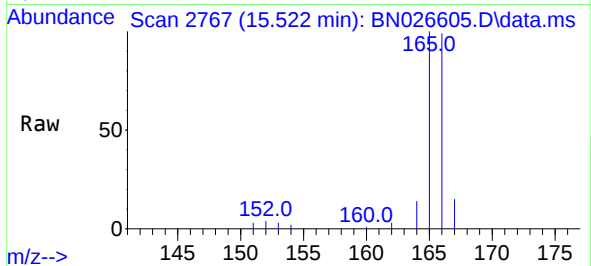
Tgt Ion:153 Resp: 16813
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 85.3 69.3 103.9





#12
Fluorene
Concen: 1.434 ng/ul
RT: 15.522 min Scan# 2168
Delta R.T. -0.009 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

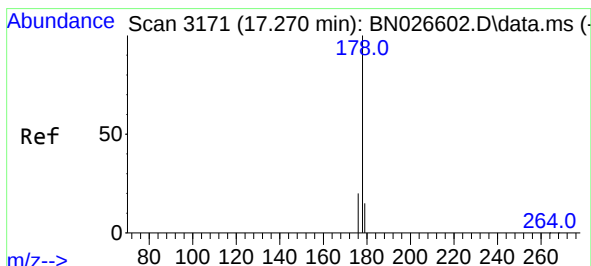
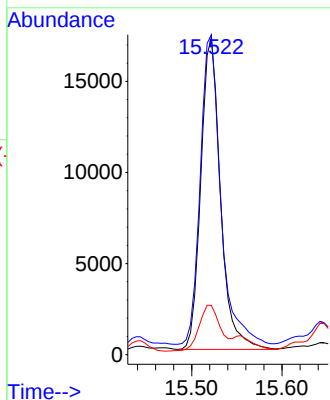
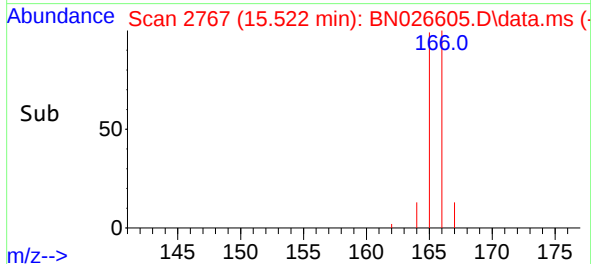
Instrument :
BNA_N
ClientSampleId :
A46X7MS



Tgt Ion:166 Resp: 25909
Ion Ratio Lower Upper
166 100
165 100.7 80.6 120.8
167 15.5 12.0 18.0

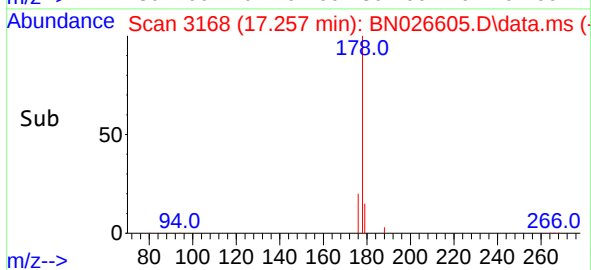
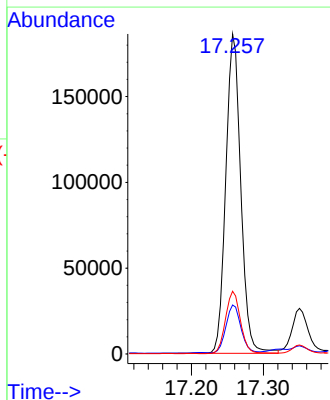
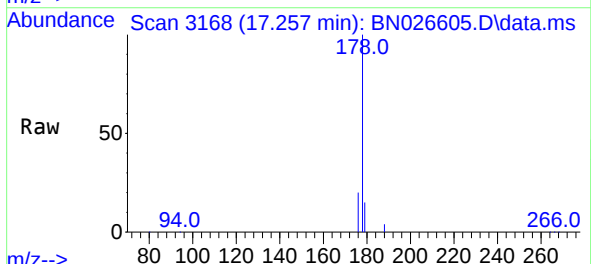
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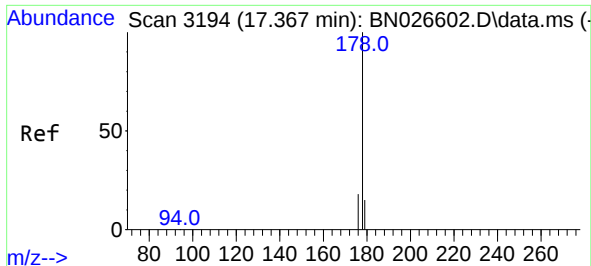
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#15
Phenanthrene
Concen: 0.838 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.013 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

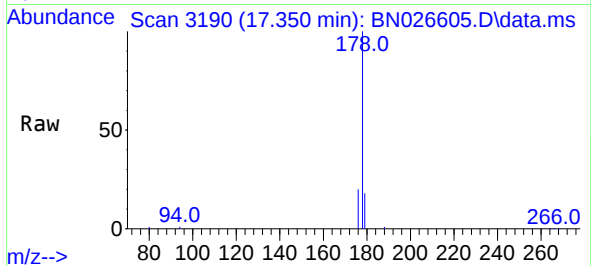
Tgt Ion:178 Resp: 268978
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.6 16.5 24.7





#16
 Anthracene
 Concen: 0.128 ng/ul
 RT: 17.350 min Scan# 3194
 Delta R.T. -0.017 min
 Lab File: BN026605.D
 Acq: 20 Jul 2023 23:51

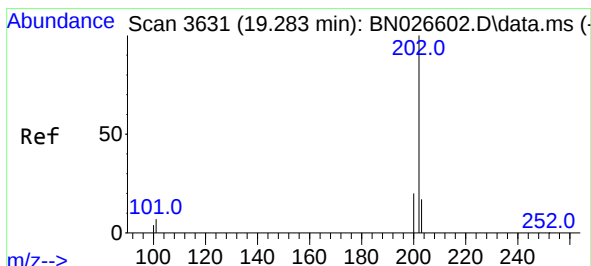
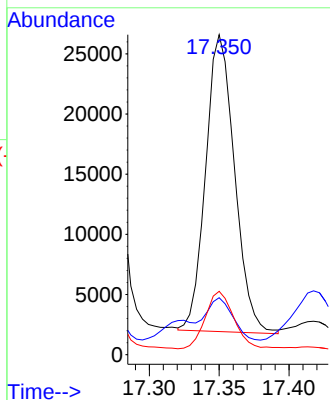
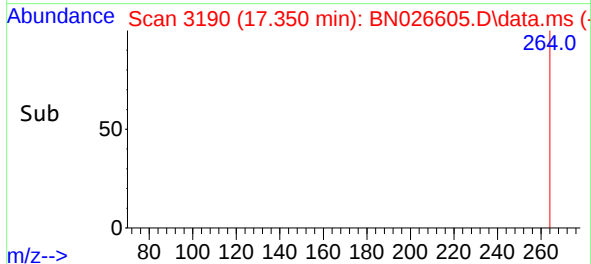
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Tgt Ion:178 Resp: 3552
 Ion Ratio Lower Upper
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 179 17.8 14.8 22.2
 176 19.8 16.6 25.0

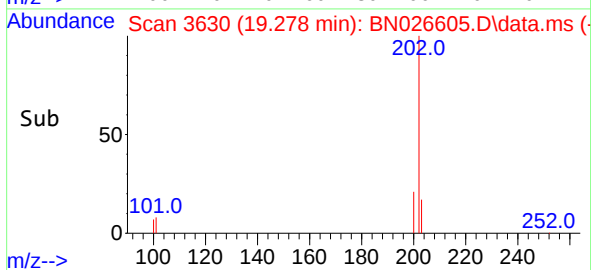
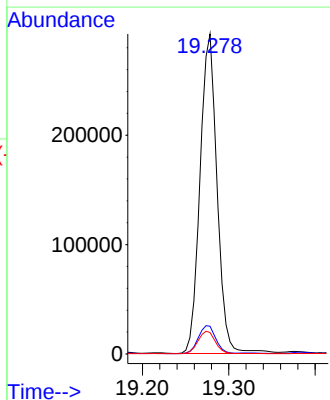
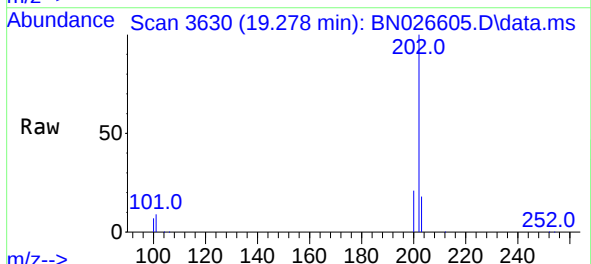
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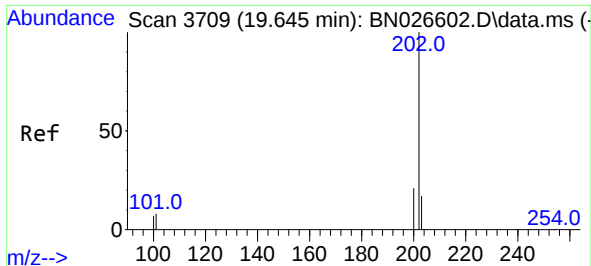
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



#19
 Fluoranthene
 Concen: 7.432 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026605.D
 Acq: 20 Jul 2023 23:51

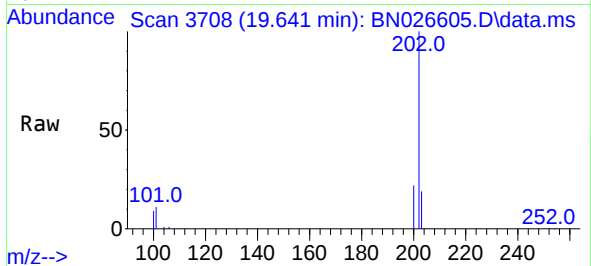
Tgt Ion:202 Resp: 401760
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.0 10.4
 100 6.7 6.0 9.0





#20
Pyrene
Concen: 1.811 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

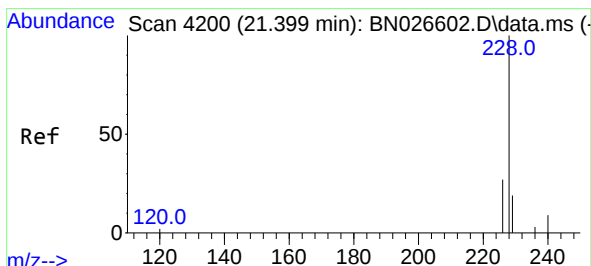
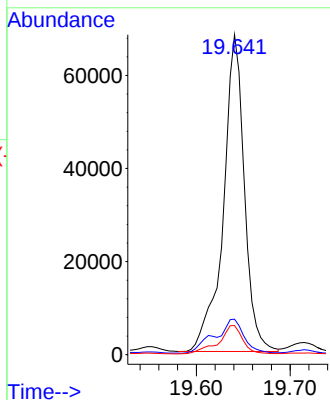
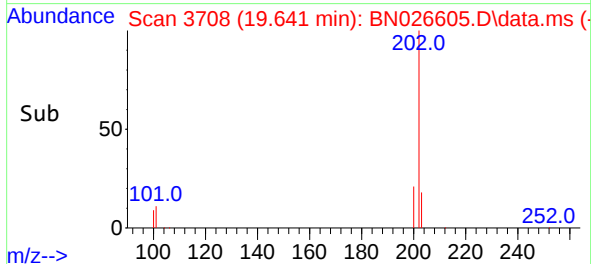
Instrument :
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Tgt Ion:202 Resp: 106320
Ion Ratio Lower Upper
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101 11.1 8.0 12.0
100 9.1 6.2 9.2

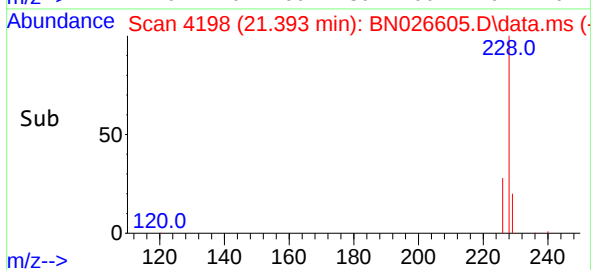
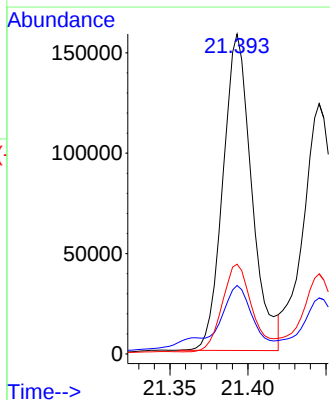
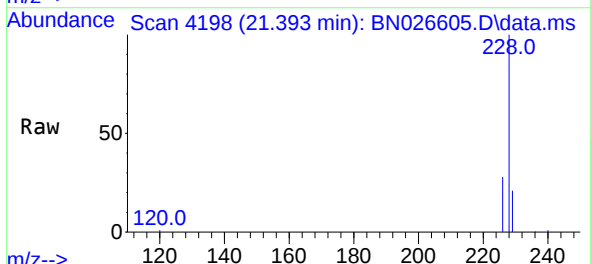
Manual Integrations
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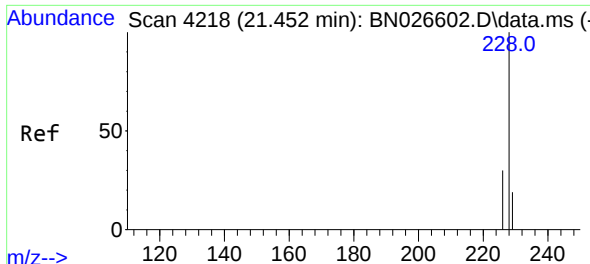
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#21
Benzo(a)anthracene
Concen: 4.783 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

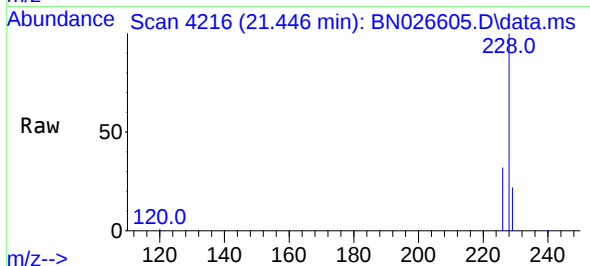
Tgt Ion:228 Resp: 202728
Ion Ratio Lower Upper
228 100
229 21.4 16.7 25.1
226 28.1 23.5 35.3





#22
Chrysene
Concen: 3.601 ng/ul
RT: 21.446 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

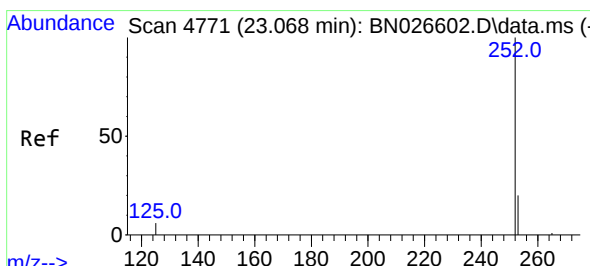
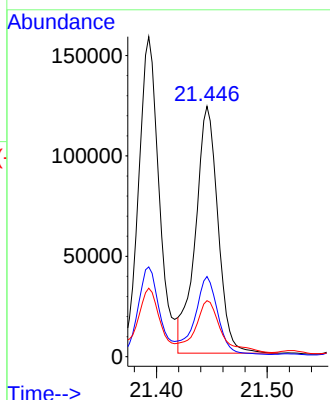
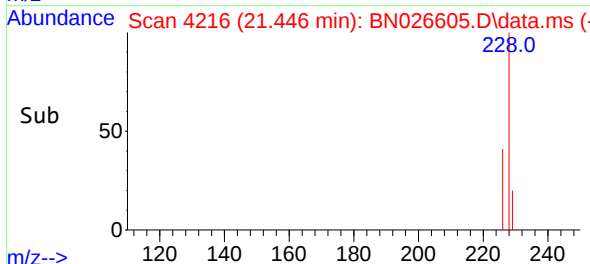
Instrument :
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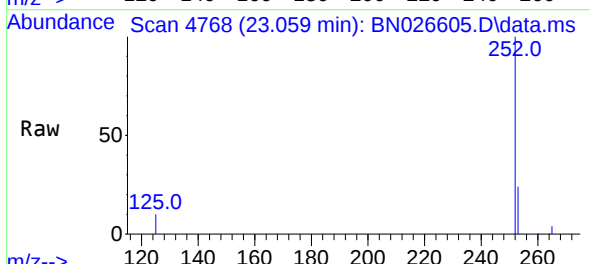
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Ion Ratio Lower Upper
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226 32.0 25.2 37.8
229 22.4 16.4 24.6

Manual Integrations
APPROVED

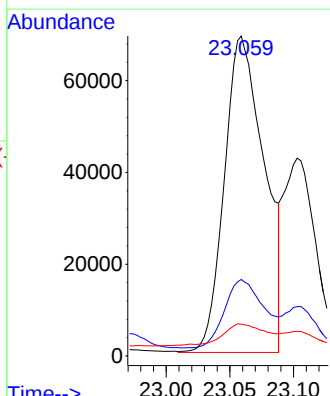
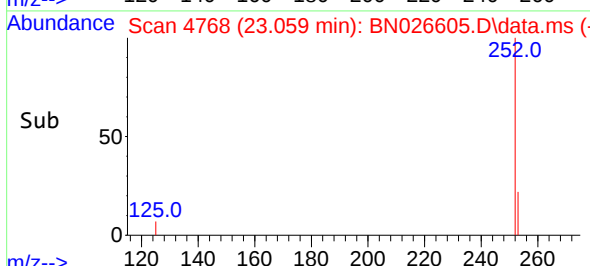
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

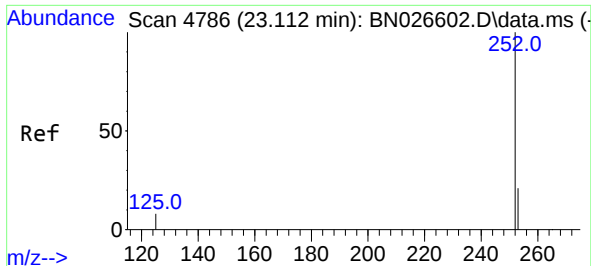


#24
Benzo(b)fluoranthene
Concen: 3.835 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51



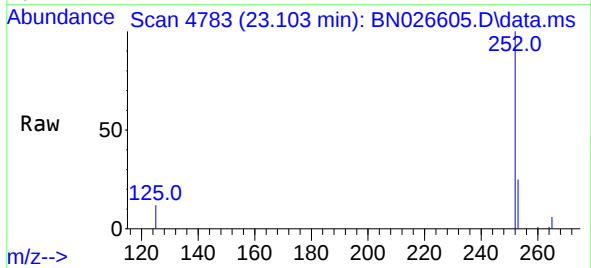
Tgt Ion:252 Resp: 150596
Ion Ratio Lower Upper
252 100
253 23.9 0.0 68.6
125 9.9 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 1.790 ng/ul m
RT: 23.103 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

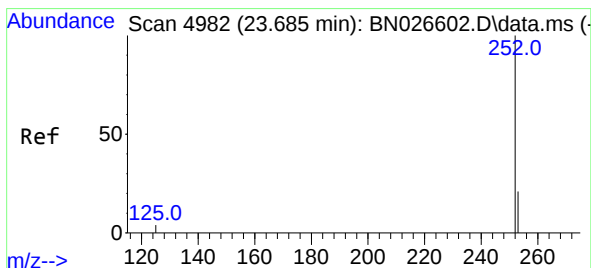
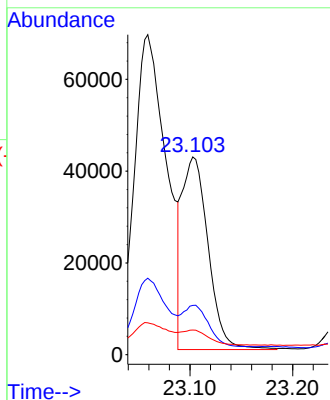
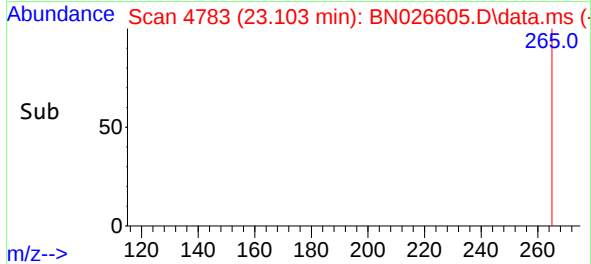
Instrument :
BNA_N
ClientSampleId :
A46X7MS



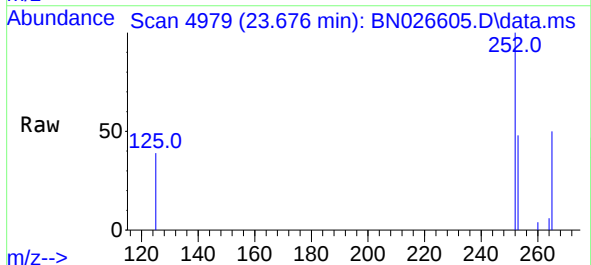
Tgt Ion:252 Resp: 7368
Ion Ratio Lower Upper
252 100
253 24.9 27.2 40.8
125 12.5 13.4 20.2

Manual Integrations
APPROVED

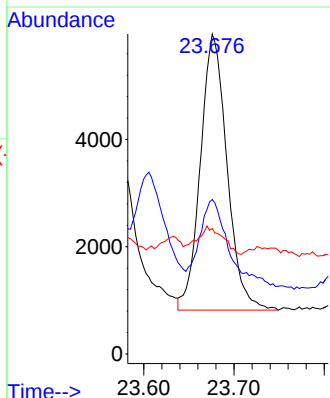
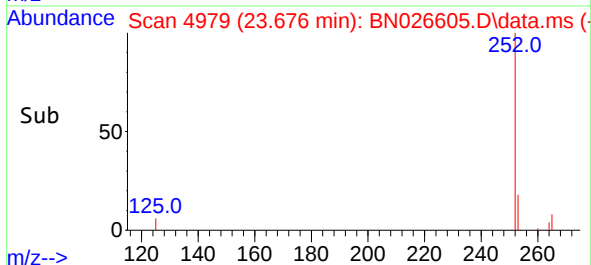
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

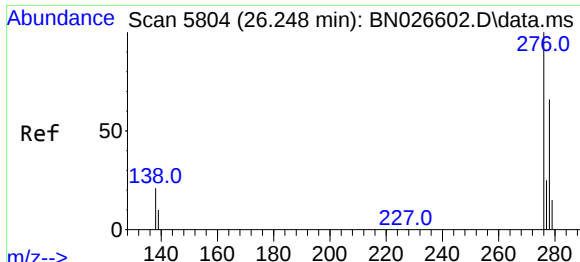


#26
Benzo(a)pyrene
Concen: 0.302 ng/ul
RT: 23.676 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51



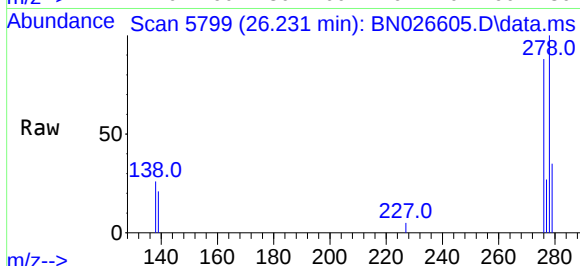
Tgt Ion:252 Resp: 10548
Ion Ratio Lower Upper
252 100
253 48.3 32.6 49.0
125 39.2 19.3 28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.231 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51

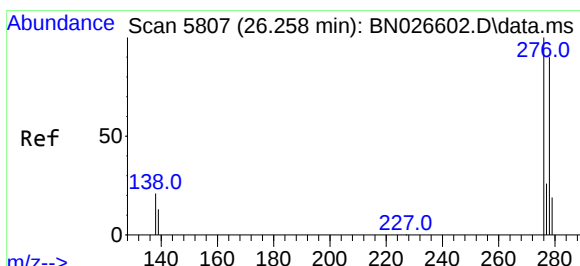
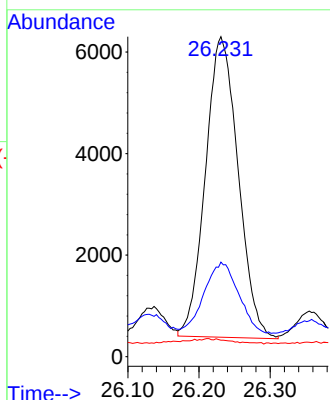
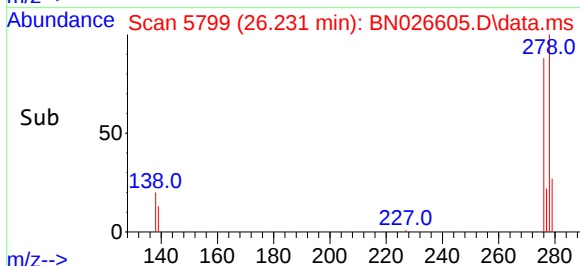
Instrument :
BNA_N
ClientSampleId :
A46X7MS



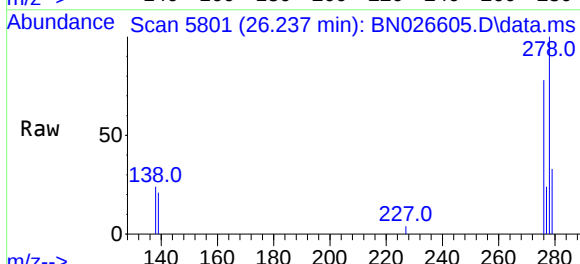
Tgt Ion:276 Resp: 18904
Ion Ratio Lower Upper
276 100
138 24.7 22.2 33.4
227 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.713 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.020 min
Lab File: BN026605.D
Acq: 20 Jul 2023 23:51



Tgt Ion:278 Resp: 25086
Ion Ratio Lower Upper
278 100
139 21.0 18.9 28.3
279 33.4 31.3 46.9

