

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026662.D
 Acq On : 22 Jul 2023 19:47
 Operator : MA/JU
 Sample : 03504-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 23:24:50 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 : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	5138	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.625	136	15424	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.467	164	8946	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	20575	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.413	240	10616	0.400	ng/ul	#-0.01
23) Perylene-d12	23.784	264	12309	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	10329	1.526	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	6262	0.299	ng/ul	-0.02
18) Fluoranthene-d10	19.245	212	10832	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.225	88	1158	0.181	ng/ul#	1
5) Naphthalene	10.680	128	32899	0.777	ng/ul	98
7) 2-Methylnaphthalene	12.291	142	12457	0.518	ng/ul	100
8) 1-Methylnaphthalene	12.511	142	9940	0.386	ng/ul	99
10) Acenaphthylene	14.189	152	39168	0.894	ng/ul	99
11) Acenaphthene	14.532	153	35627	1.067	ng/ul	99
12) Fluorene	15.517	166	53239	1.521	ng/ul	99
15) Phenanthrene	17.257	178	612887	9.353	ng/ul	98
16) Anthracene	17.350	178	124376	2.187	ng/ul	96
19) Fluoranthene	19.278	202	806585	16.209	ng/ul	99
20) Pyrene	19.640	202	181703	3.362	ng/ul	96
21) Benzo(a)anthracene	21.396	228	329495	8.446	ng/ul	99
22) Chrysene	21.448	228	238098	5.362	ng/ul	96
24) Benzo(b)fluoranthene	23.062	252	258427m	5.389	ng/ul	
25) Benzo(k)fluoranthene	23.108	252	112146m	2.231	ng/ul	
26) Benzo(a)pyrene	23.678	252	20209	0.473	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.240	276	30417	0.544	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.247	278	36295	0.845	ng/ul#	90

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

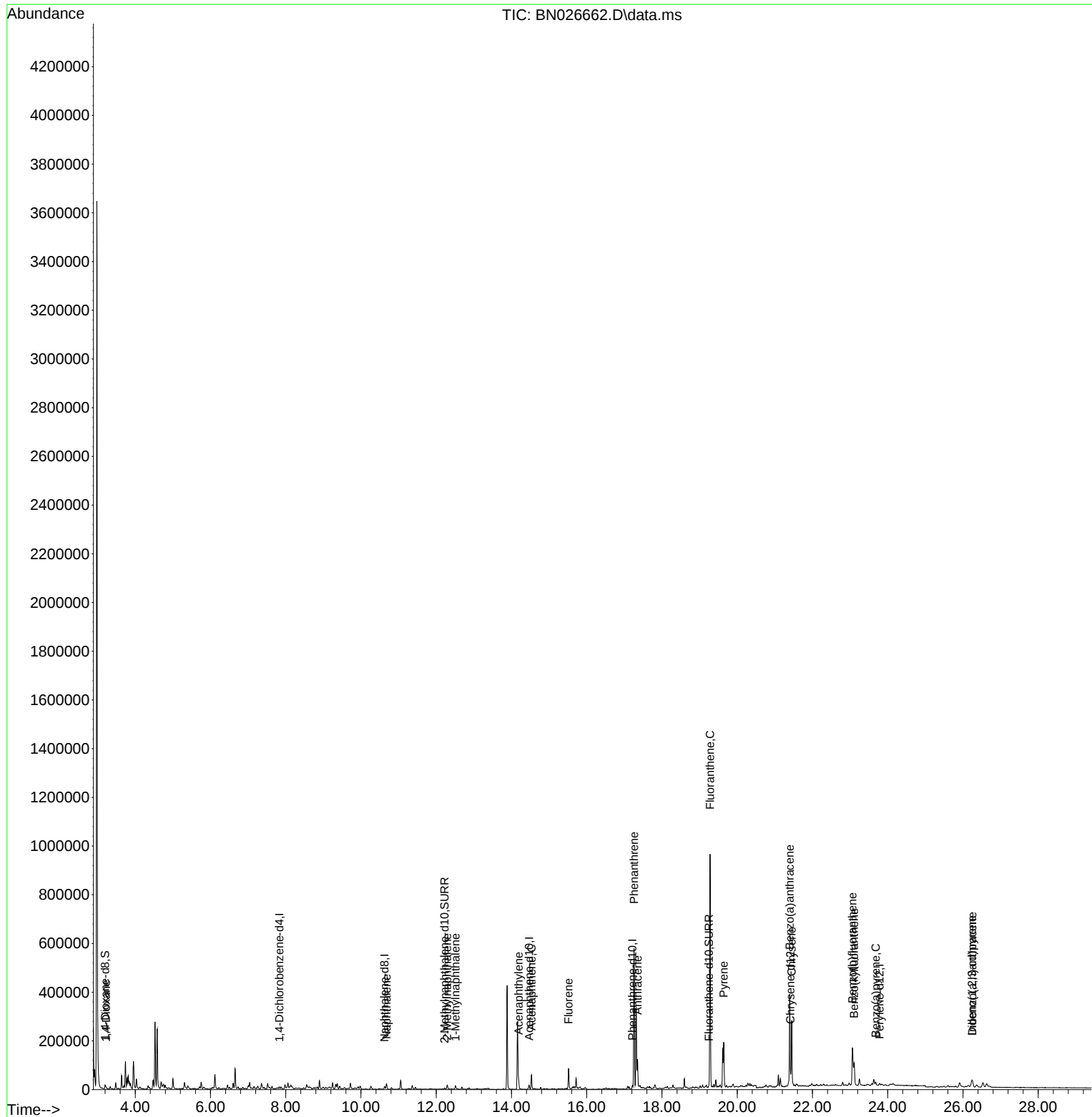
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026662.D
Acq On : 22 Jul 2023 19:47
Operator : MA/JU
Sample : 03504-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

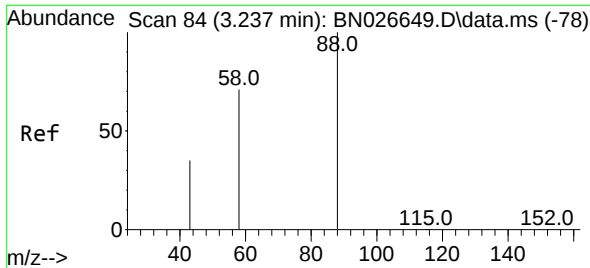
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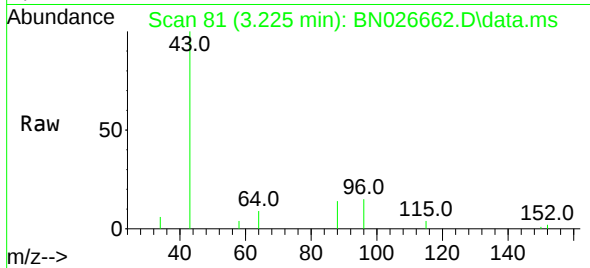
Quant Time: Jul 22 23:24:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.181 ng/ul
RT: 3.225 min Scan# 81
Delta R.T. -0.017 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

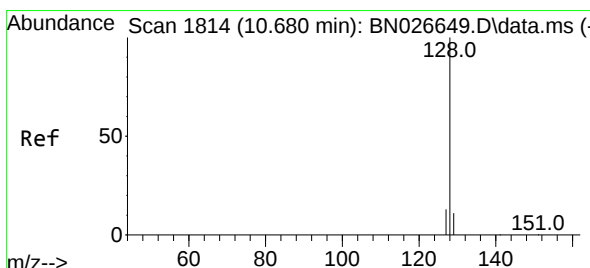
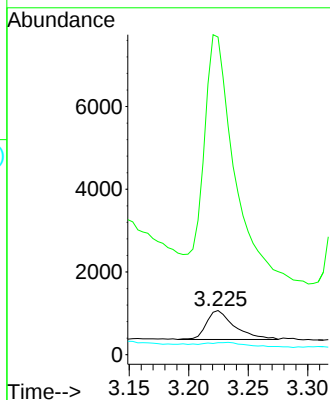
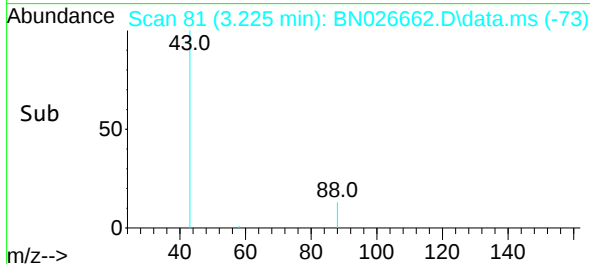
Instrument :
BNA_N
ClientSampleId :
A46S3



Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 717.9 33.0 49.6
58 27.2 41.7 62.5

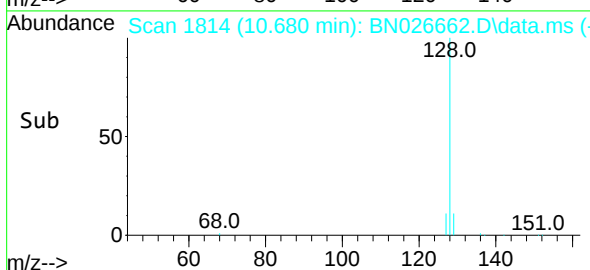
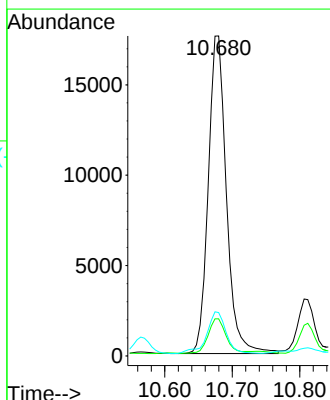
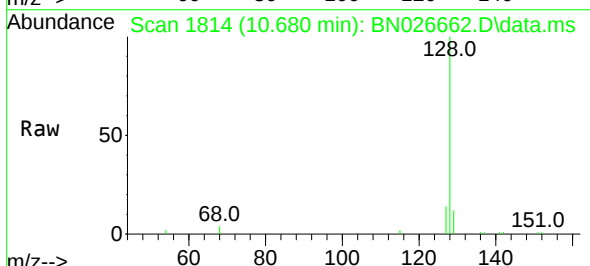
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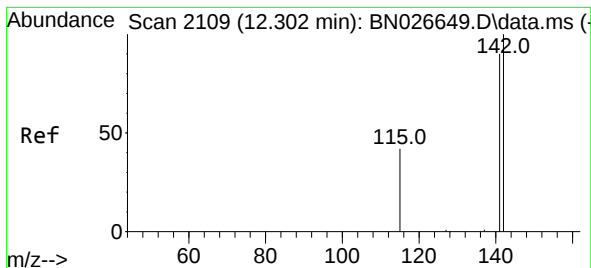
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#5
Naphthalene
Concen: 0.777 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

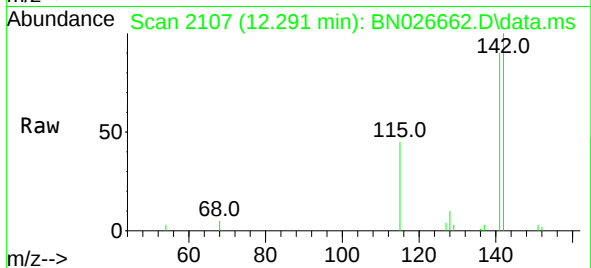
Tgt Ion:128 Resp: 32899
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.5 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.518 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.022 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

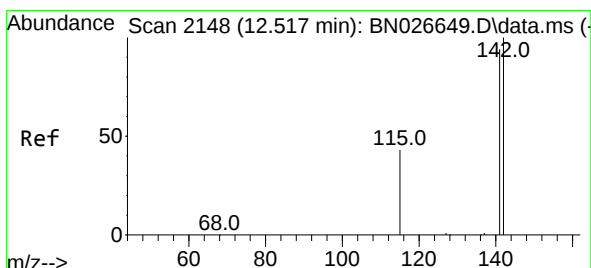
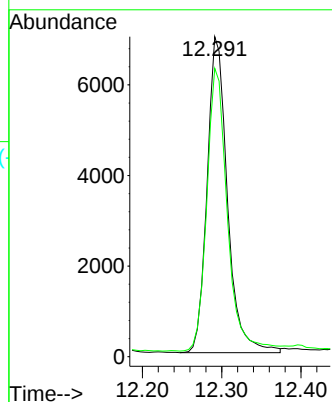
Instrument :
BNA_N
ClientSampleId :
A46S3



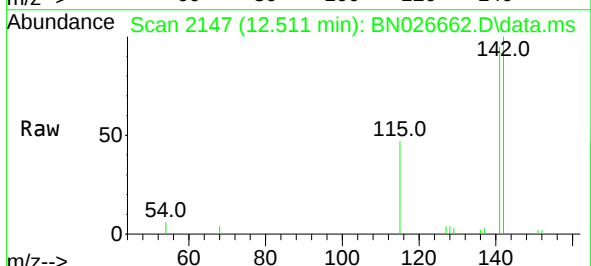
Tgt Ion:142 Resp: 1245
Ion Ratio Lower Upper
142 100
141 90.1 72.3 108.5

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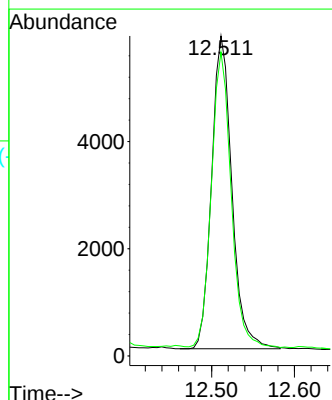
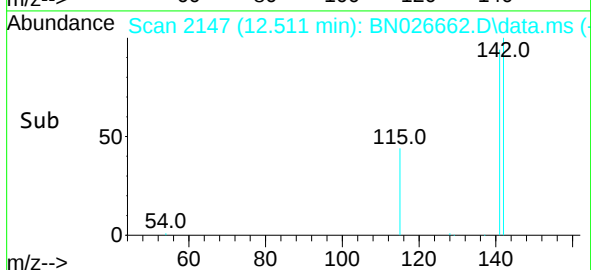
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

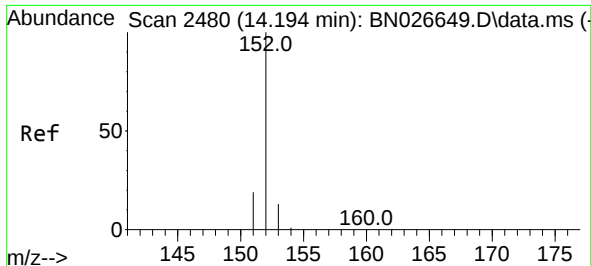


#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47



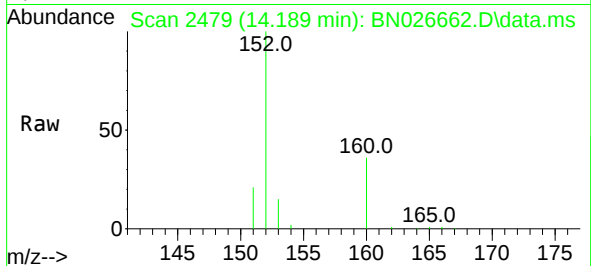
Tgt Ion:142 Resp: 9940
Ion Ratio Lower Upper
142 100
141 91.8 74.5 111.7





#10
Acenaphthylene
Concen: 0.894 ng/ul
RT: 14.189 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

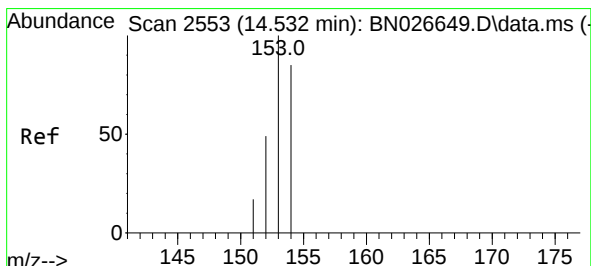
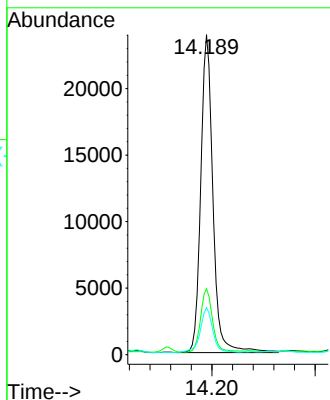
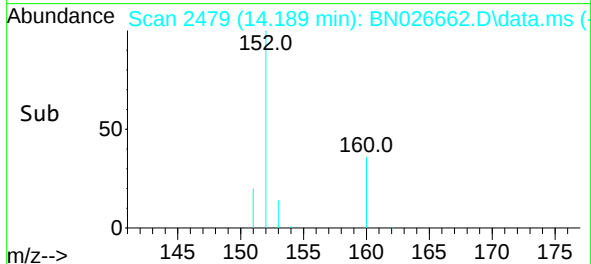
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 39168
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6
153 14.7 11.4 17.2

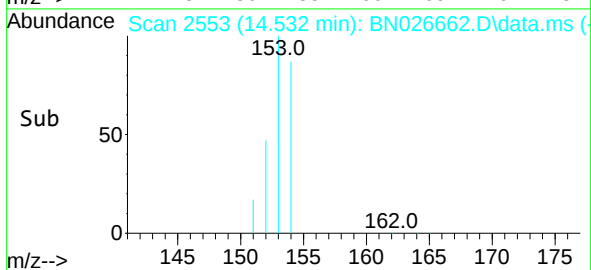
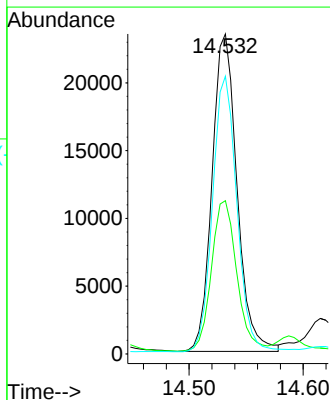
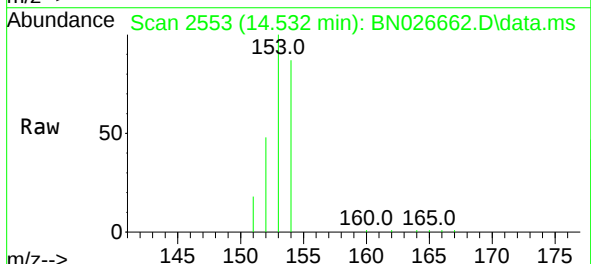
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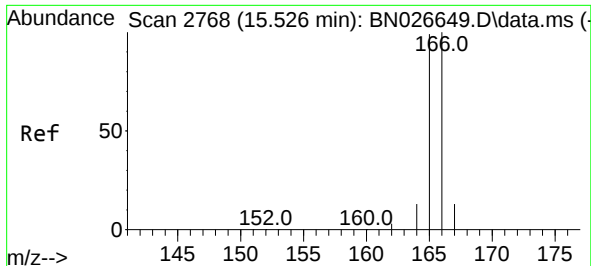
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 1.067 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

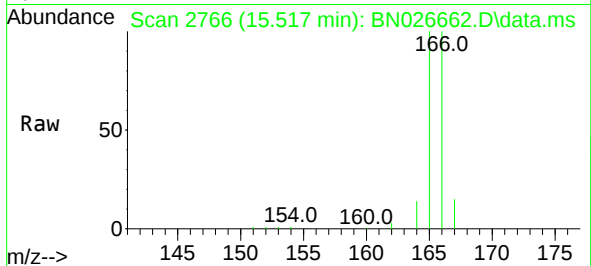
Tgt Ion:153 Resp: 35627
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 86.8 69.3 103.9





#12
Fluorene
Concen: 1.521 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

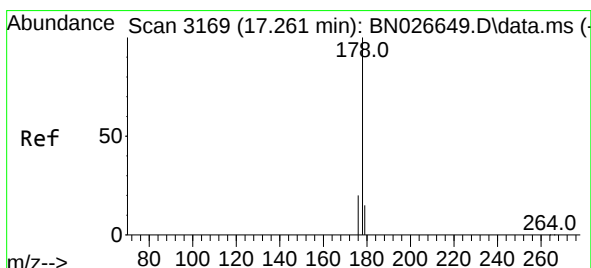
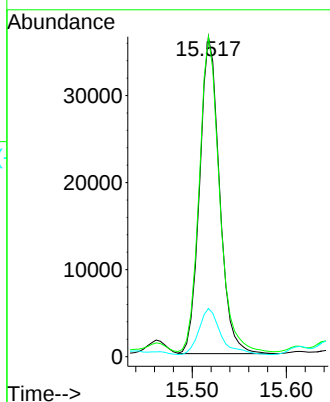
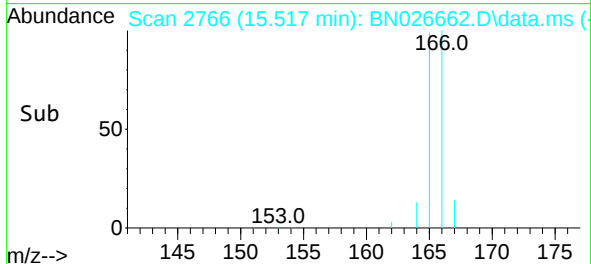
Instrument :
BNA_N
ClientSampleId :
A46S3



Tgt Ion:166 Resp: 53239
Ion Ratio Lower Upper
166 100
165 100.0 80.6 120.8
167 15.1 12.0 18.0

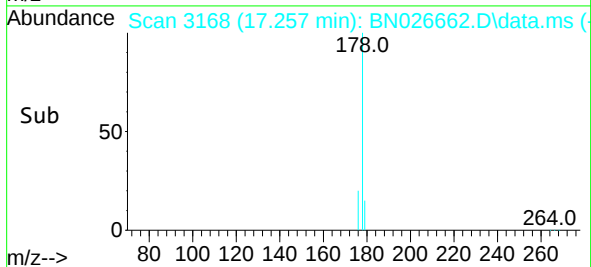
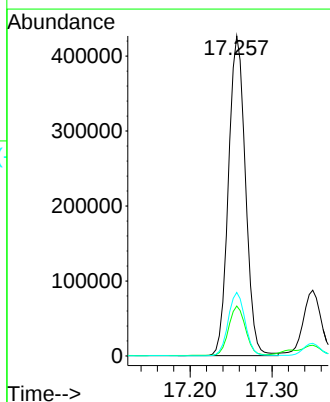
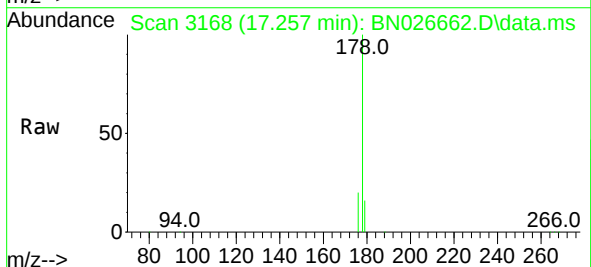
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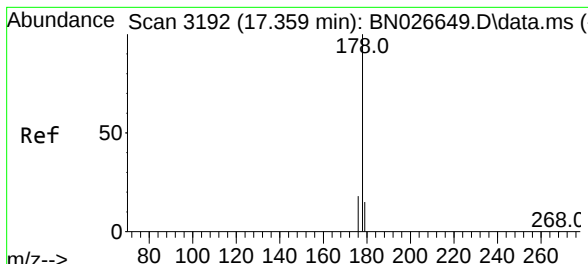
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#15
Phenanthrene
Concen: 9.353 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.009 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

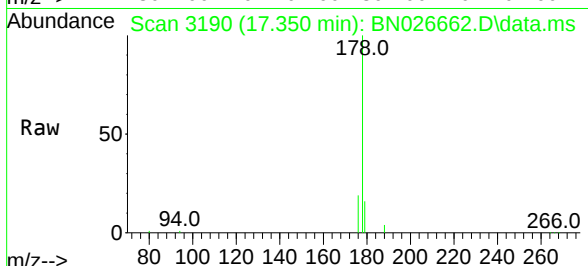
Tgt Ion:178 Resp: 612887
Ion Ratio Lower Upper
178 100
179 15.6 13.7 20.5
176 19.9 16.5 24.7





#16
 Anthracene
 Concen: 2.187 ng/ul
 RT: 17.350 min Scan# 3190
 Delta R.T. -0.013 min
 Lab File: BN026662.D
 Acq: 22 Jul 2023 19:47

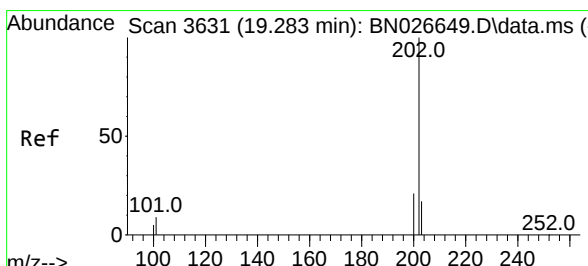
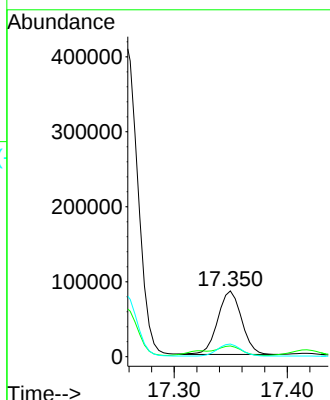
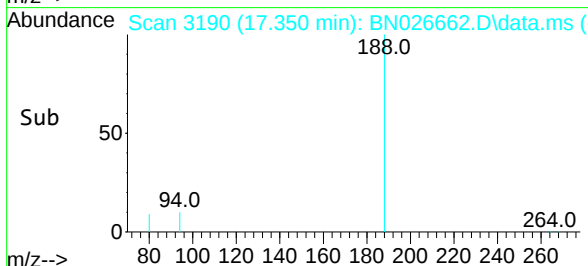
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.8	22.2
176	19.3	16.6	25.0

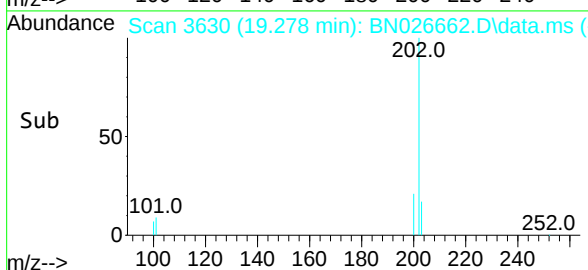
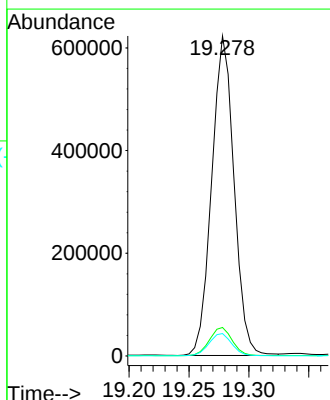
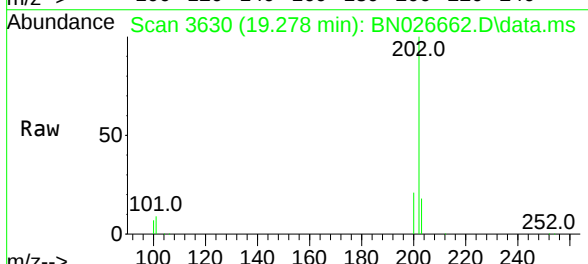
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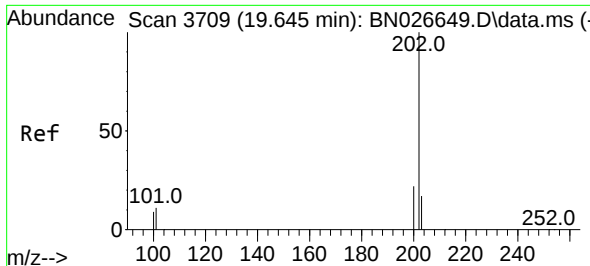
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 16.209 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026662.D
 Acq: 22 Jul 2023 19:47

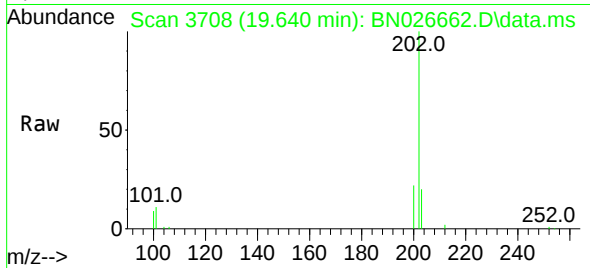
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
100	7.0	6.0	9.0





#20
Pyrene
Concen: 3.362 ng/ul
RT: 19.640 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

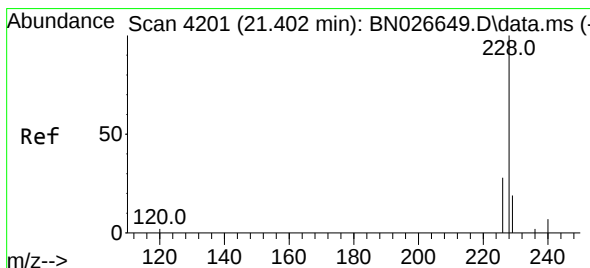
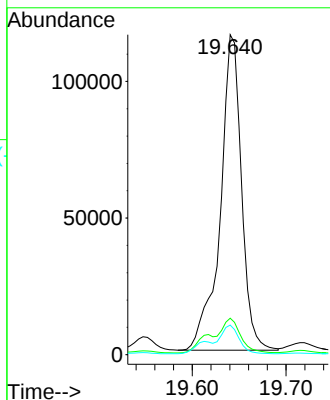
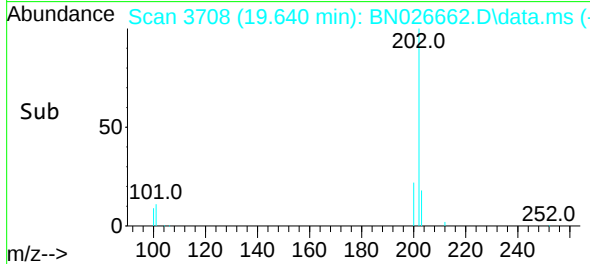
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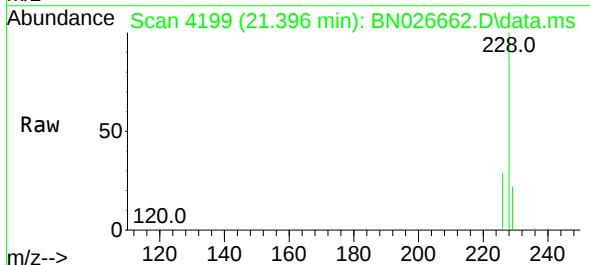
Tgt Ion:202 Resp: 18170
Ion Ratio Lower Upper
202 100
101 11.4 8.0 12.0
100 9.2 6.2 9.2

Manual Integrations
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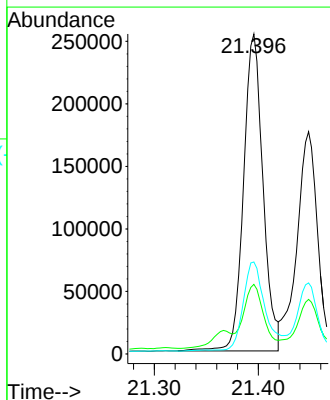
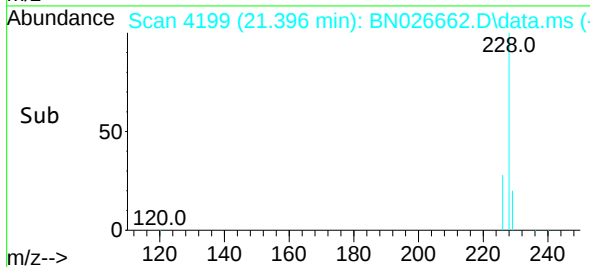
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

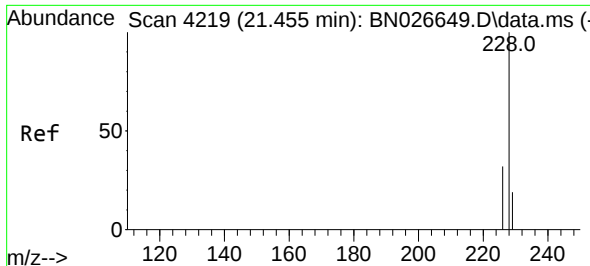


#21
Benzo(a)anthracene
Concen: 8.446 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.015 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47



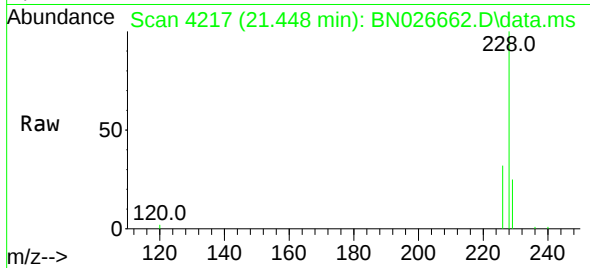
Tgt Ion:228 Resp: 329495
Ion Ratio Lower Upper
228 100
229 21.7 16.7 25.1
226 28.7 23.5 35.3





#22
Chrysene
Concen: 5.362 ng/ul
RT: 21.448 min Scan# 417
Delta R.T. -0.015 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

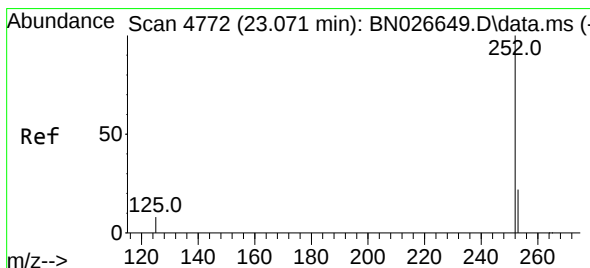
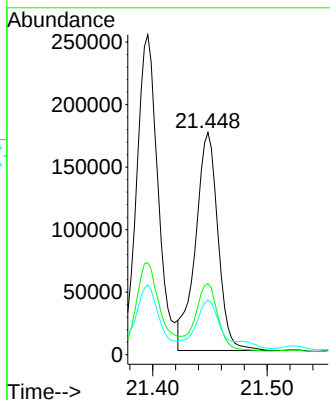
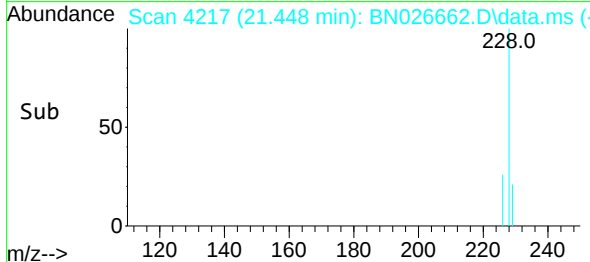
Instrument :
BNA_N
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Tgt Ion:228 Resp: 238098
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 24.5 16.4 24.6

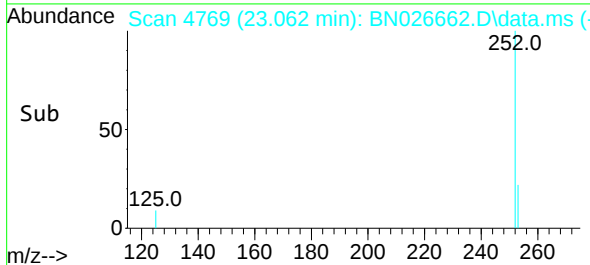
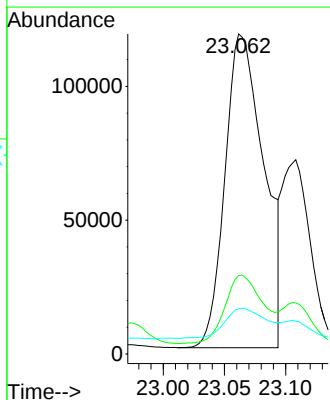
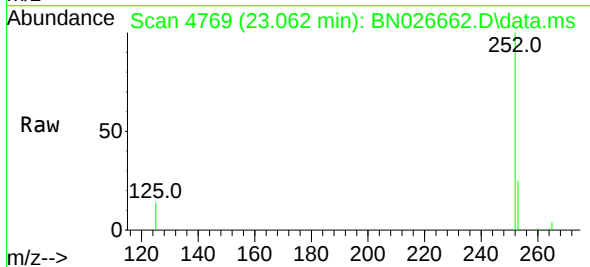
Manual Integrations
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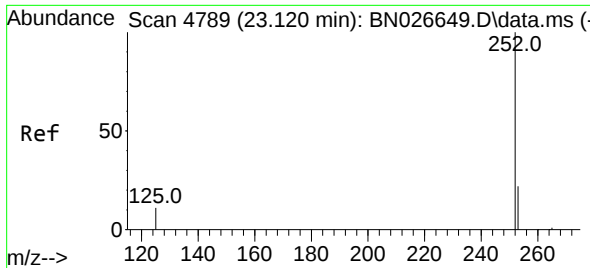
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#24
Benzo(b)fluoranthene
Concen: 5.389 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.018 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

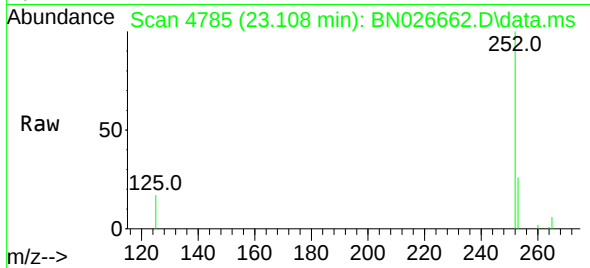
Tgt Ion:252 Resp: 258427
Ion Ratio Lower Upper
252 100
253 24.6 0.0 68.6
125 14.1 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 2.231 ng/ul m
RT: 23.108 min Scan# 4785
Delta R.T. -0.021 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

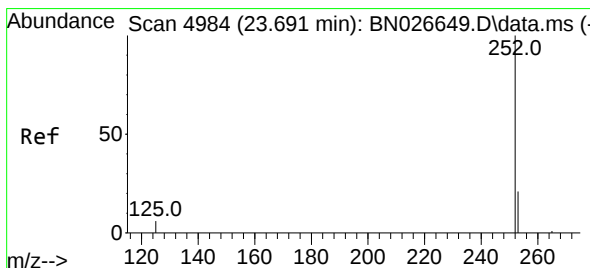
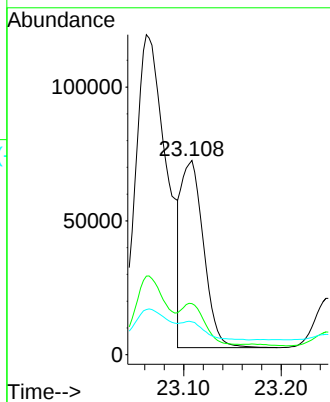
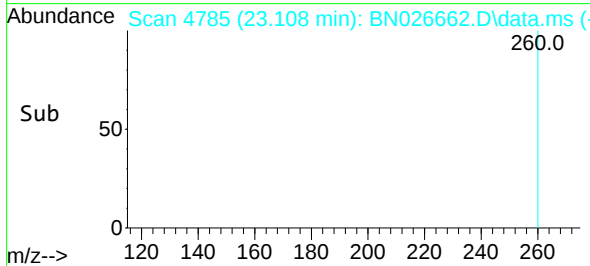
Instrument :
BNA_N
ClientSampleId :
A46S3



Tgt Ion:252 Resp: 112140
Ion Ratio Lower Upper
252 100
253 26.2 27.2 40.8
125 16.9 13.4 20.2

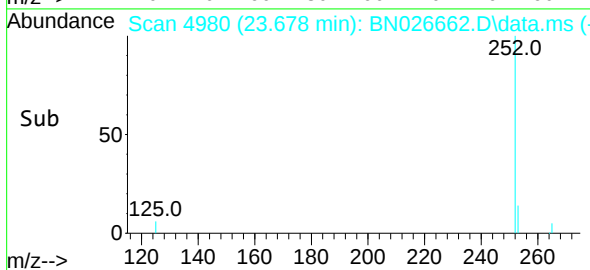
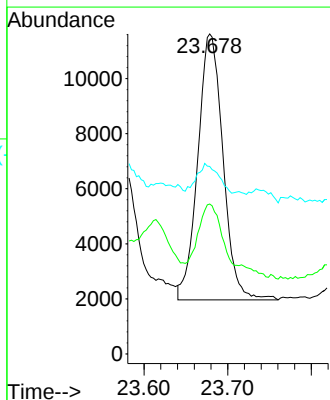
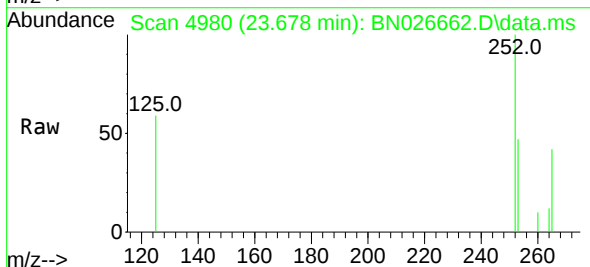
Manual Integrations
APPROVED

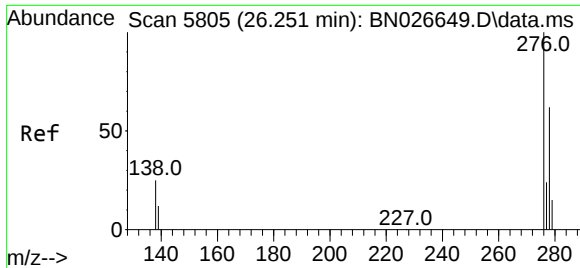
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#26
Benzo(a)pyrene
Concen: 0.473 ng/ul
RT: 23.678 min Scan# 4980
Delta R.T. -0.018 min
Lab File: BN026662.D
Acq: 22 Jul 2023 19:47

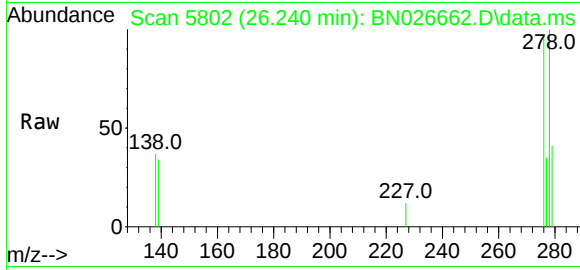
Tgt Ion:252 Resp: 20209
Ion Ratio Lower Upper
252 100
253 46.8 32.6 49.0
125 58.6 19.3 28.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.544 ng/ul
 RT: 26.240 min Scan# 5802
 Delta R.T. -0.018 min
 Lab File: BN026662.D
 Acq: 22 Jul 2023 19:47

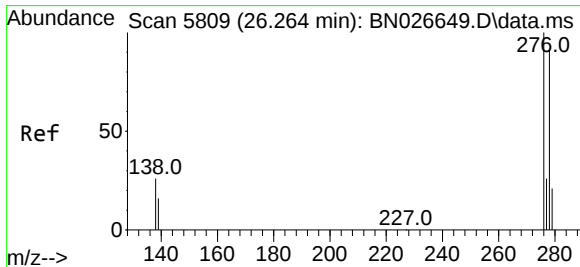
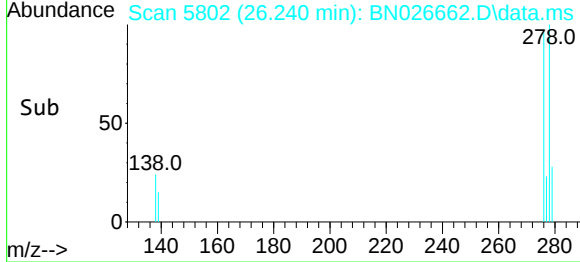
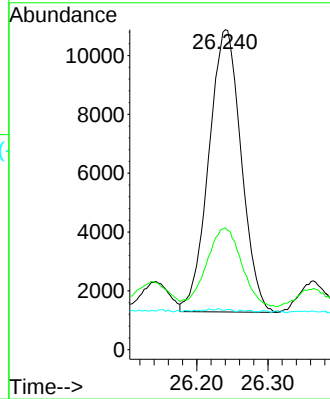
Instrument :
 BNA_N
 ClientSampleId :
 A46S3



Tgt Ion: 276 Resp: 3041
 Ion Ratio Lower Upper
 276 100
 138 29.8 22.2 33.4
 227 0.0 0.1 0.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.845 ng/ul
 RT: 26.247 min Scan# 5804
 Delta R.T. -0.028 min
 Lab File: BN026662.D
 Acq: 22 Jul 2023 19:47

Tgt Ion: 278 Resp: 36295
 Ion Ratio Lower Upper
 278 100
 139 34.6 18.9 28.3
 279 40.2 31.3 46.9

