

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026678.D
 Acq On : 23 Jul 2023 15:55
 Operator : MA/JU
 Sample : 03504-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 03504-2237

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:41:49 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	4808	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.625	136	14091	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	8957	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	20807	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	13975	0.400	ng/ul	0.00
23) Perylene-d12	23.781	264	16249	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.195	96	9639	1.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	5139	0.268	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	12151	0.251	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	9535	0.246	ng/ul	98
7) 2-Methylnaphthalene	12.291	142	1831	0.083	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	2065	0.088	ng/ul	94
10) Acenaphthylene	14.185	152	110185	2.512	ng/ul	98
11) Acenaphthene	14.527	153	6499	0.194	ng/ul	99
12) Fluorene	15.517	166	29732	0.848	ng/ul	98
15) Phenanthrene	17.253	178	374864	5.657	ng/ul	97
16) Anthracene	17.346	178	136920	2.381	ng/ul	95
19) Fluoranthene	19.274	202	988124	15.084	ng/ul#	95
20) Pyrene	19.641	202	290954	4.090	ng/ul#	95
21) Benzo(a)anthracene	21.393	228	419842	8.175	ng/ul	99
22) Chrysene	21.446	228	322224	5.512	ng/ul	98
24) Benzo(b)fluoranthene	23.062	252	398133m	6.289	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	174560m	2.631	ng/ul	
26) Benzo(a)pyrene	23.676	252	49247	0.874	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.234	276	67223	0.910	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.241	278	54628m	0.964	ng/ul	

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

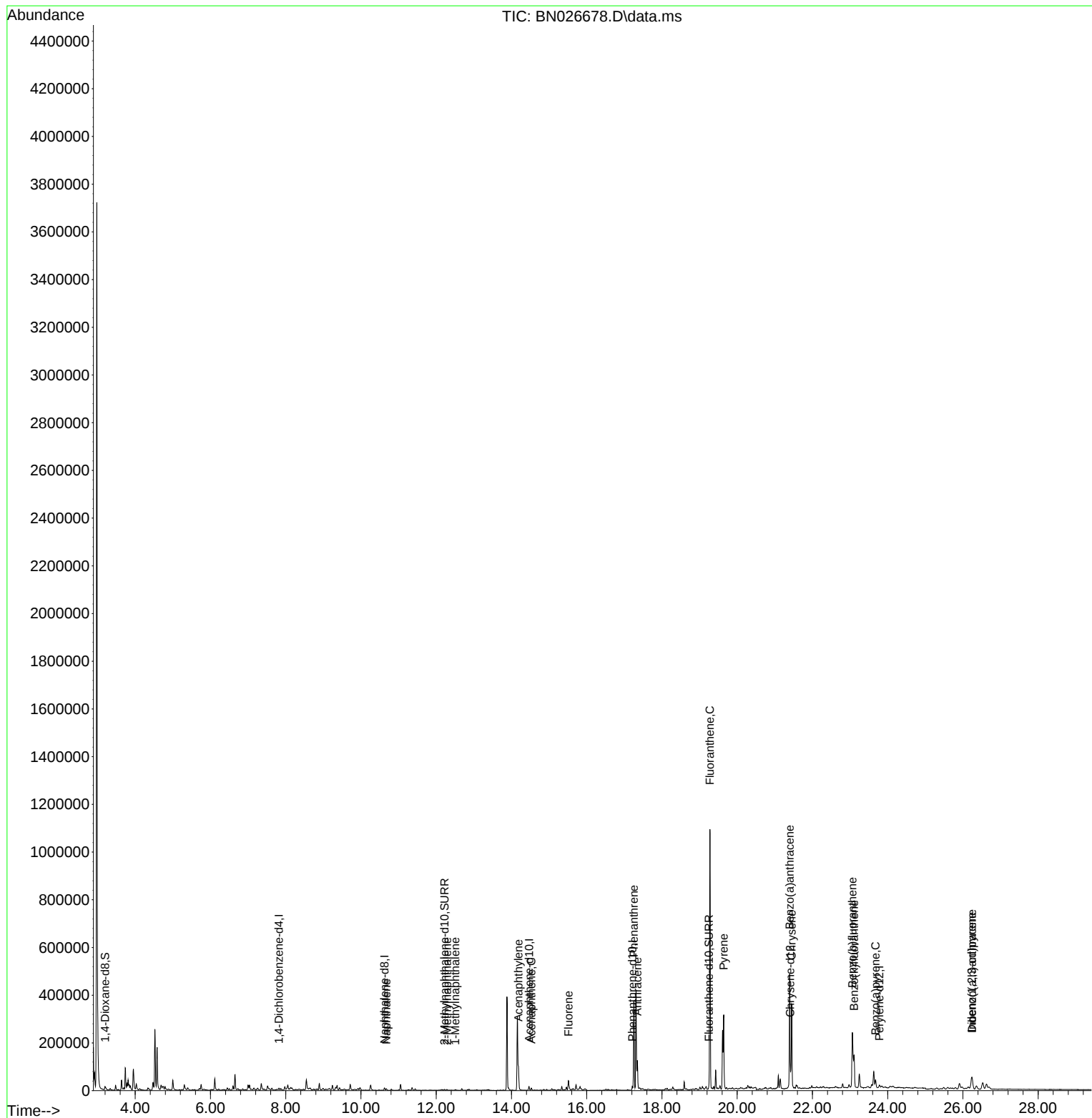
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026678.D
Acq On : 23 Jul 2023 15:55
Operator : MA/JU
Sample : 03504-25
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ALS Vial : 11 Sample Multiplier: 1

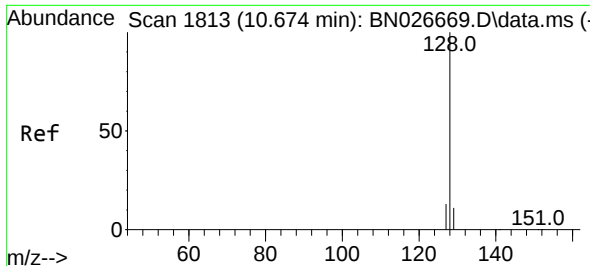
Instrument :
BNA_N
ClientSampleId :
O3504-2237

Quant Time: Jul 24 00:41:49 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 : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

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APPROVED

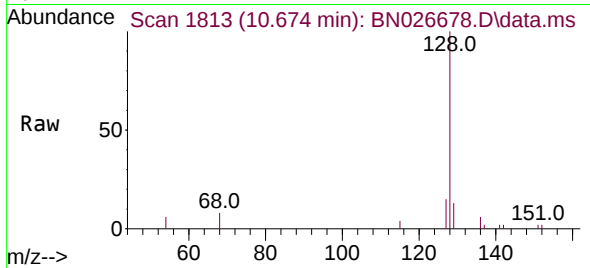
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023





#5
Naphthalene
Concen: 0.246 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

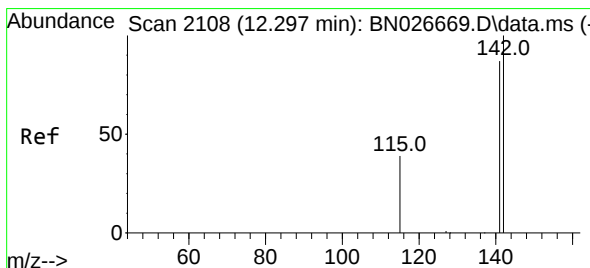
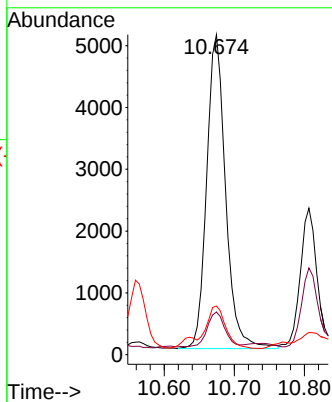
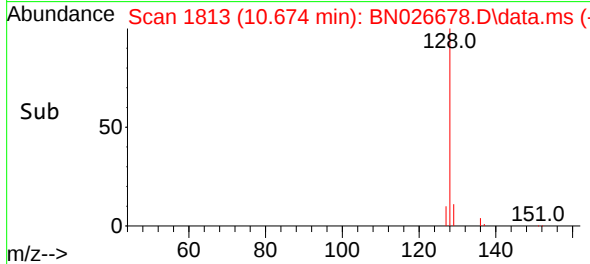
Instrument :
BNA_N
ClientSampleId :
O3504-2237



Tgt Ion:128 Resp: 953
Ion Ratio Lower Upper
128 100
129 13.3 10.2 15.2
127 15.2 11.4 17.0

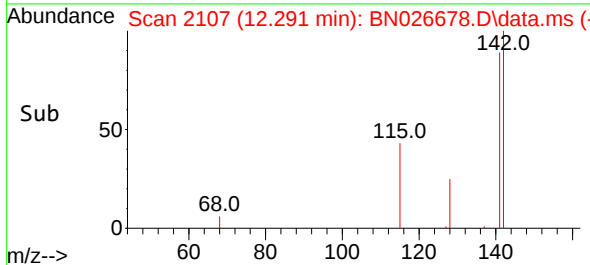
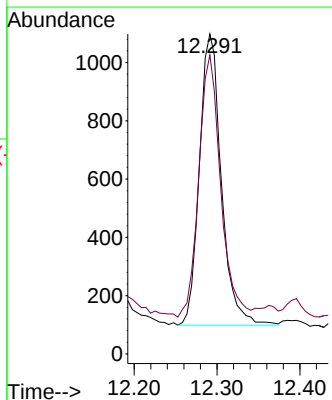
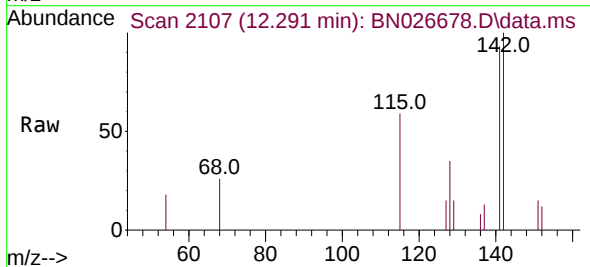
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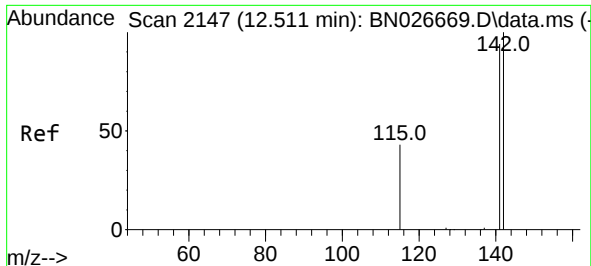
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

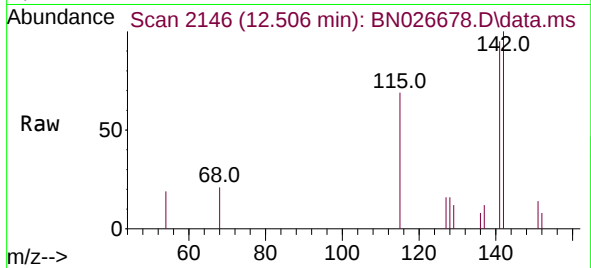
Tgt Ion:142 Resp: 1831
Ion Ratio Lower Upper
142 100
141 90.8 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

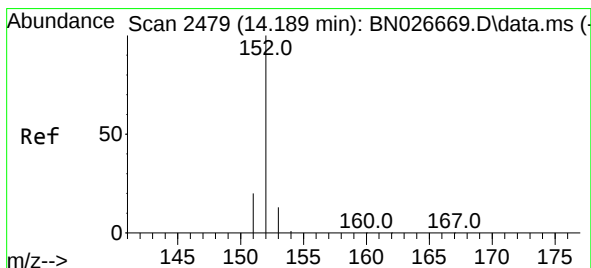
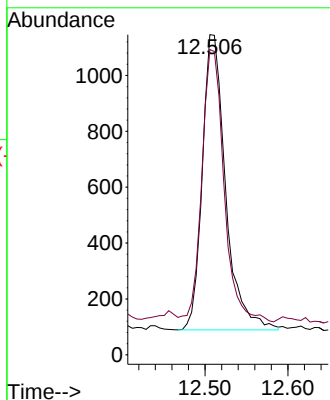
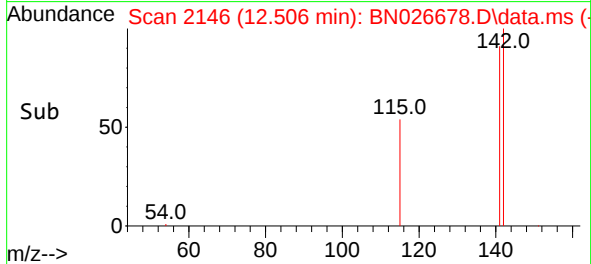
Instrument :
BNA_N
ClientSampleId :
O3504-2237



Tgt Ion:142 Resp: 206
Ion Ratio Lower Upper
142 100
141 87.6 74.5 111.7

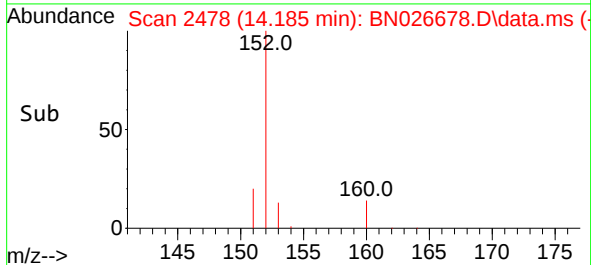
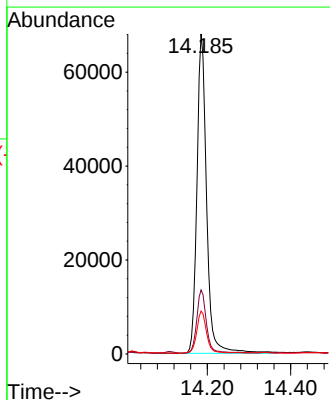
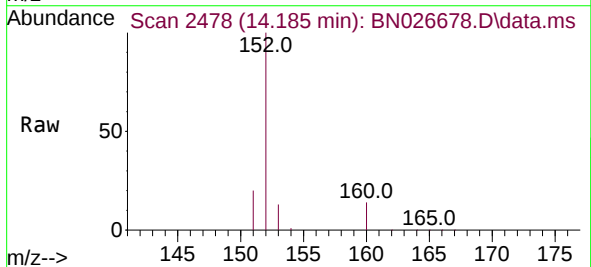
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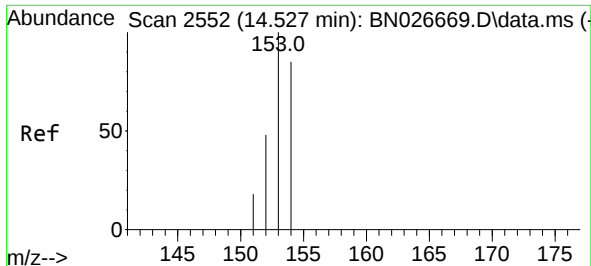
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 2.512 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

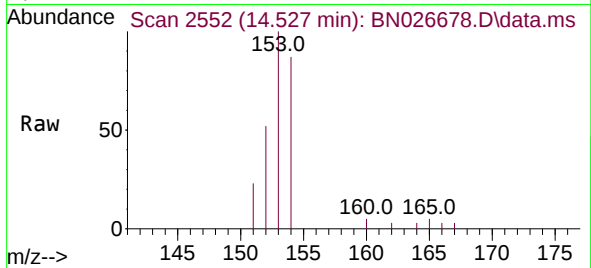
Tgt Ion:152 Resp: 110185
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 13.4 11.4 17.2





#11
Acenaphthene
Concen: 0.194 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

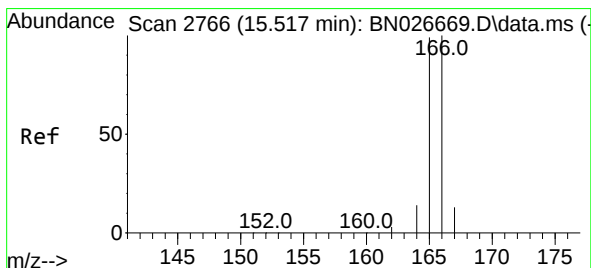
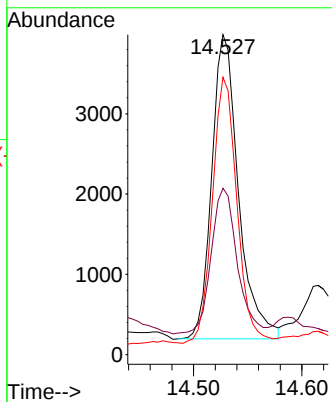
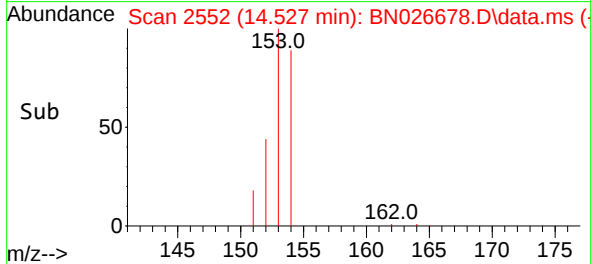
Instrument :
BNA_N
ClientSampleId :
O3504-2237



Tgt Ion:153 Resp: 6499
Ion Ratio Lower Upper
153 100
152 52.0 40.2 60.4
154 86.7 69.3 103.9

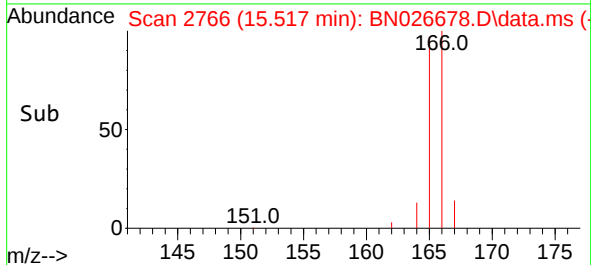
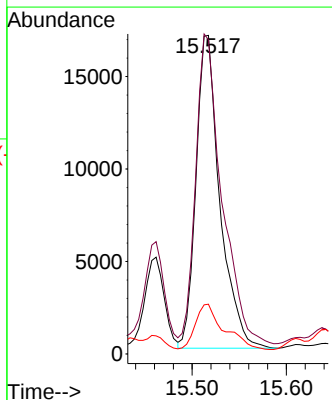
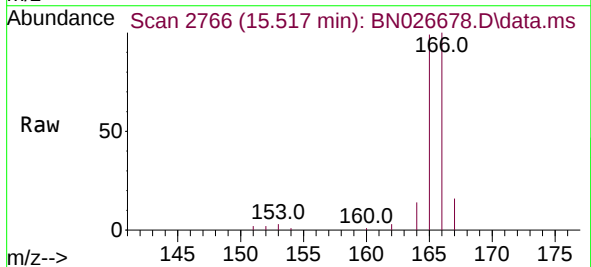
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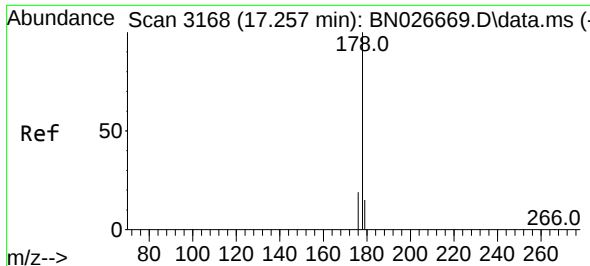
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.848 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

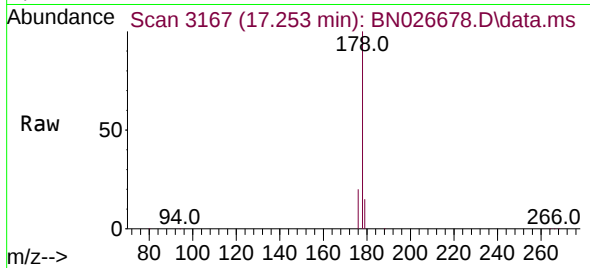
Tgt Ion:166 Resp: 29732
Ion Ratio Lower Upper
166 100
165 98.7 80.6 120.8
167 15.6 12.0 18.0





#15
Phenanthrene
Concen: 5.657 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

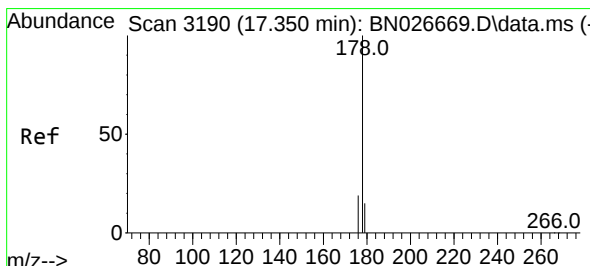
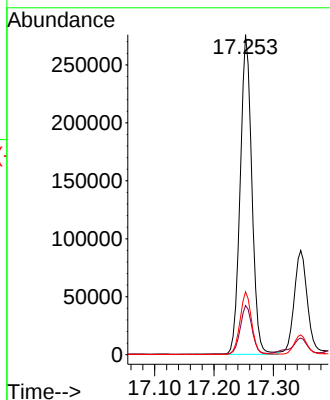
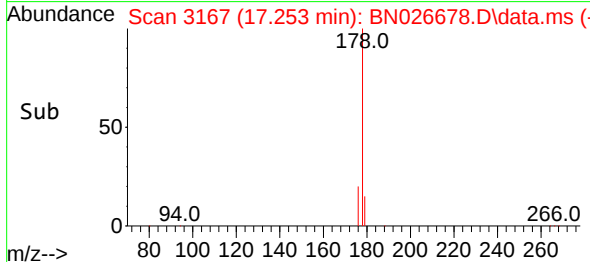
Instrument :
BNA_N
ClientSampleId :
O3504-2237



Tgt Ion:178 Resp: 374864
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.7 16.5 24.7

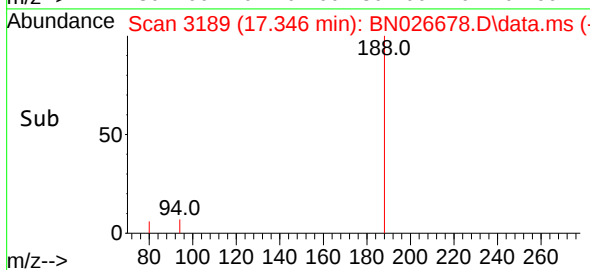
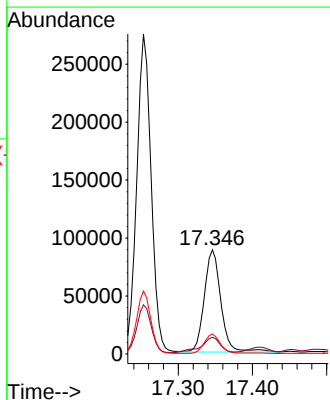
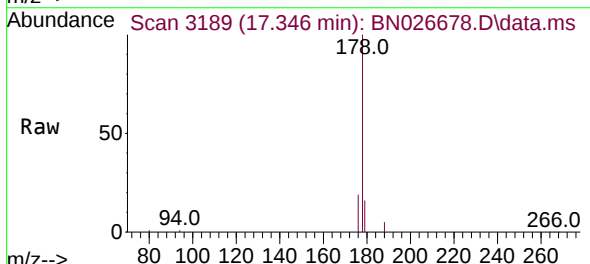
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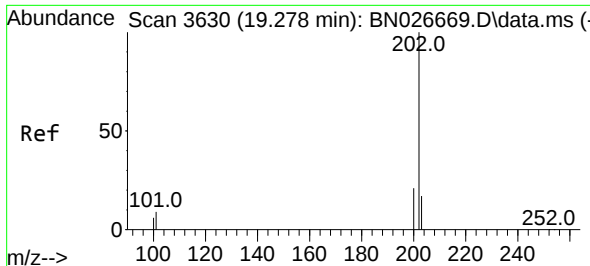
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 2.381 ng/u1
RT: 17.346 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

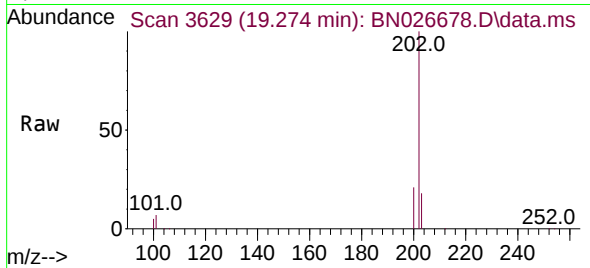
Tgt Ion:178 Resp: 136920
Ion Ratio Lower Upper
178 100
179 16.0 14.8 22.2
176 19.1 16.6 25.0





#19
Fluoranthene
Concen: 15.084 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

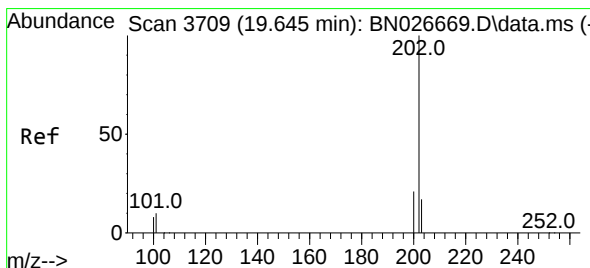
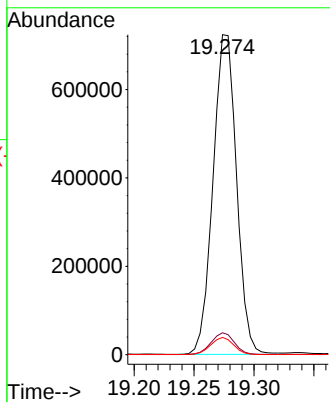
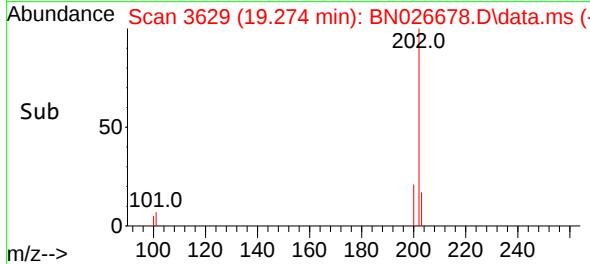
Instrument :
BNA_N
ClientSampleId :
O3504-2237



Tgt Ion:202 Resp: 988124
Ion Ratio Lower Upper
202 100
101 6.9 7.0 10.4
100 5.4 6.0 9.0

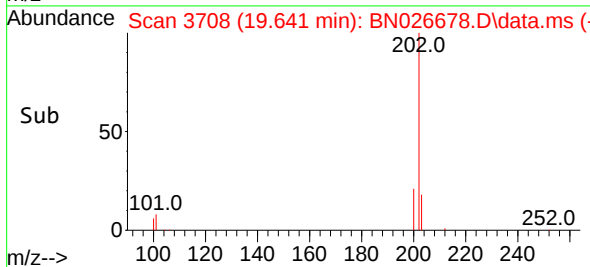
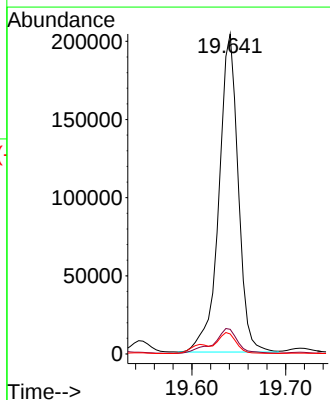
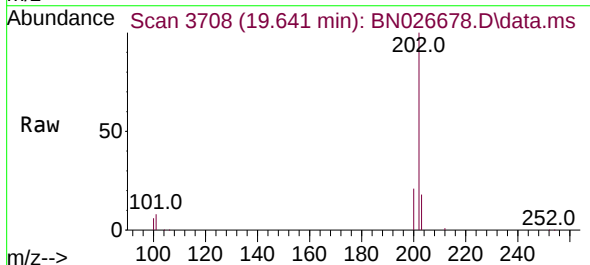
Manual Integrations
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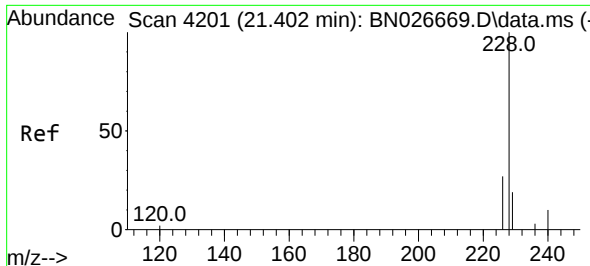
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 4.090 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

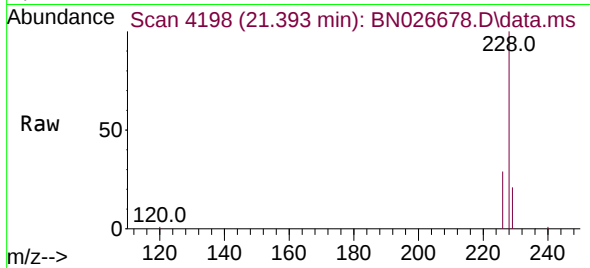
Tgt Ion:202 Resp: 290954
Ion Ratio Lower Upper
202 100
101 7.7 8.0 12.0
100 6.3 6.2 9.2





#21
Benzo(a)anthracene
Concen: 8.175 ng/u1
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

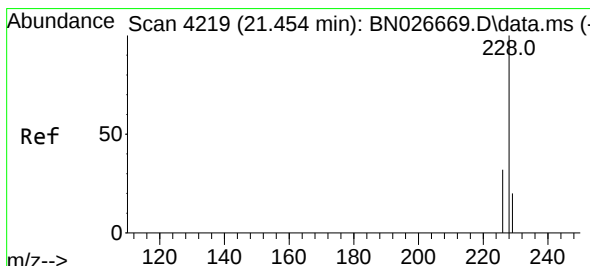
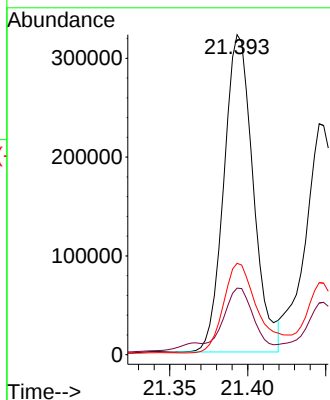
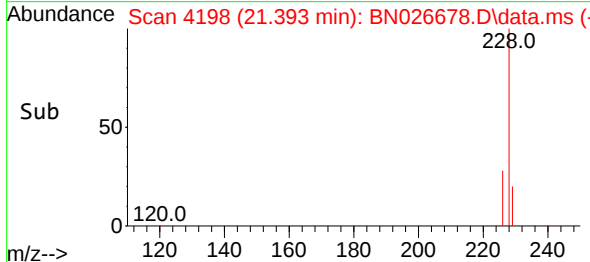
Instrument :
BNA_N
ClientSampleId :
O3504-2237



Tgt Ion:228 Resp: 41984
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 28.5 23.5 35.3

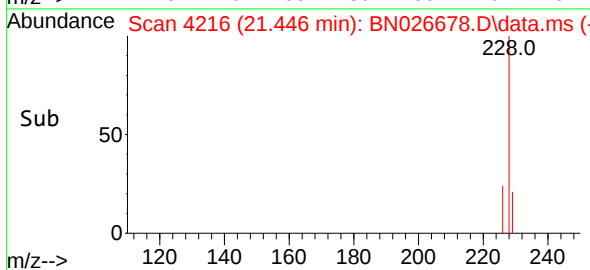
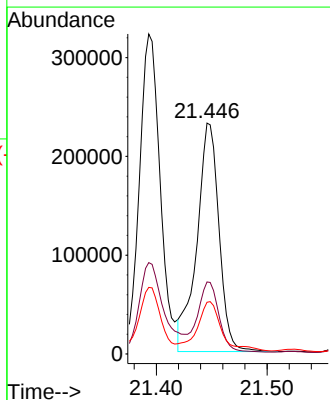
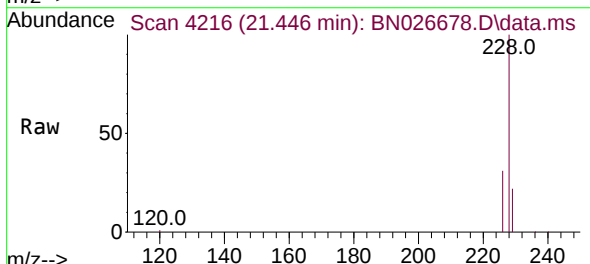
Manual Integrations
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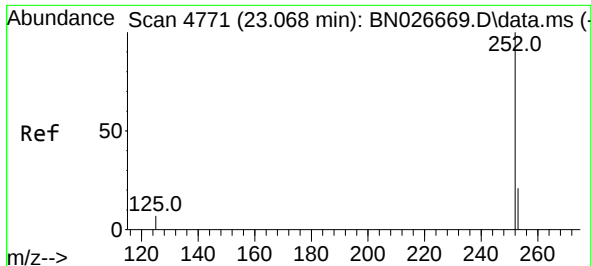
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 5.512 ng/u1
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

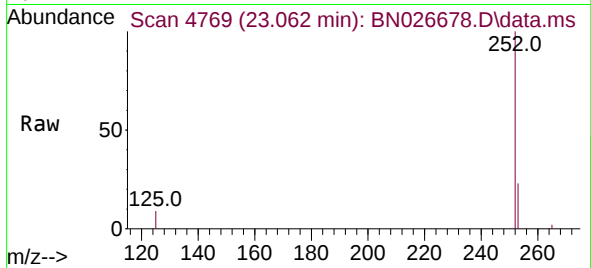
Tgt Ion:228 Resp: 322224
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.289 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

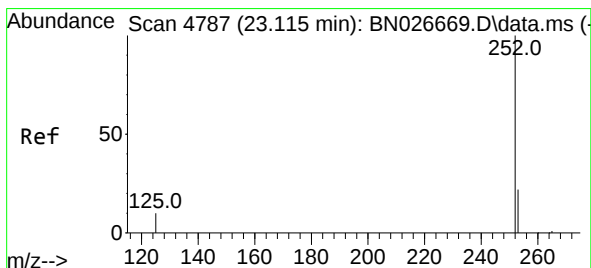
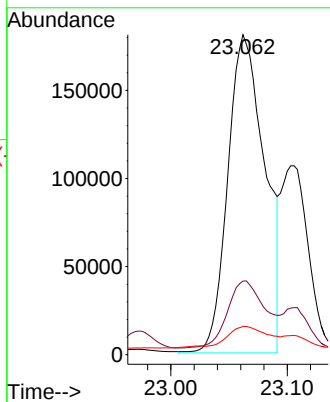
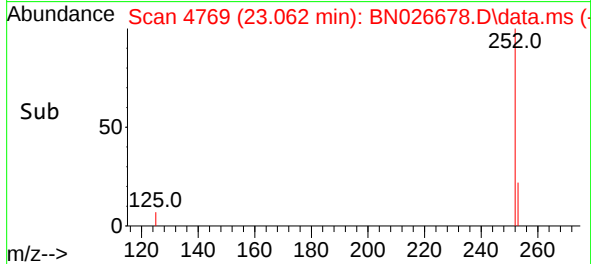
Instrument :
BNA_N
ClientSampleId :
O3504-2237



Tgt Ion:252 Resp: 39813
Ion Ratio Lower Upper
252 100
253 23.0 0.0 68.6
125 8.8 0.0 34.0

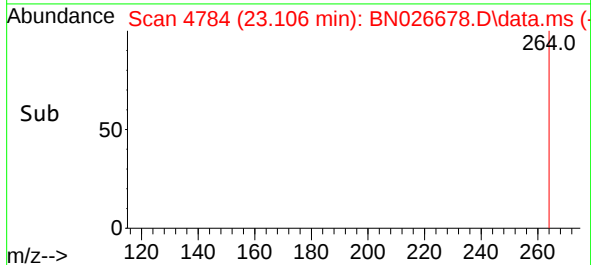
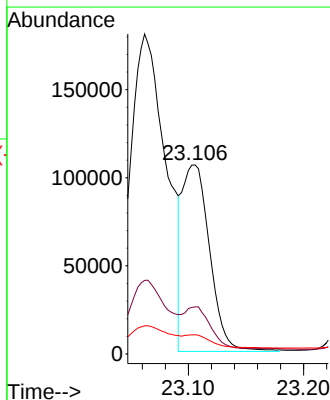
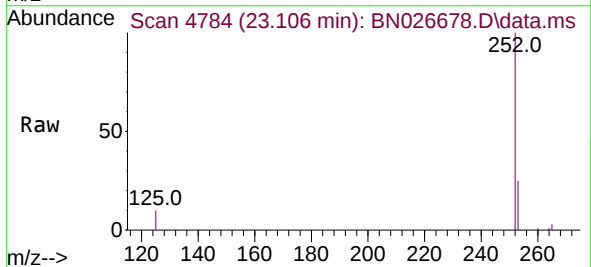
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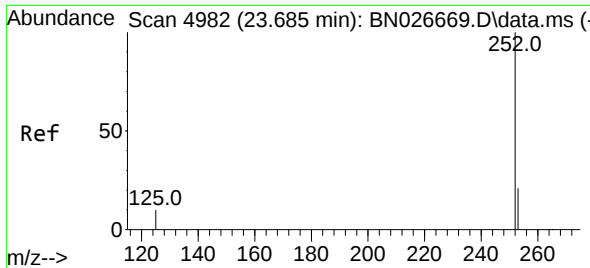
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 2.631 ng/ul m
RT: 23.106 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

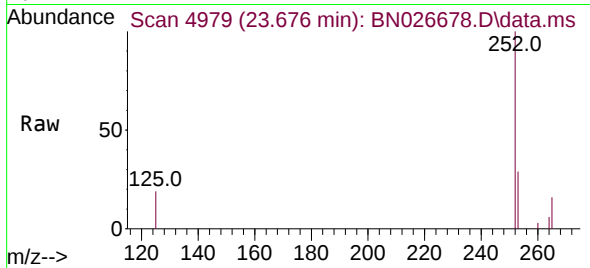
Tgt Ion:252 Resp: 174560
Ion Ratio Lower Upper
252 100
253 24.9 27.2 40.8#
125 10.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.874 ng/ul
RT: 23.676 min Scan# 4924
Delta R.T. -0.009 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55

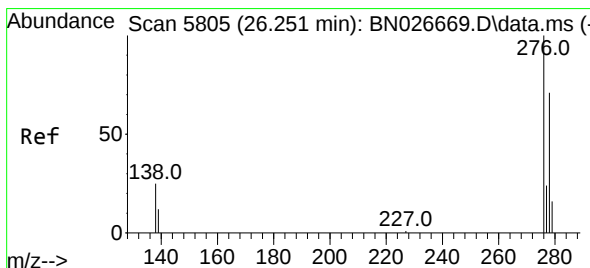
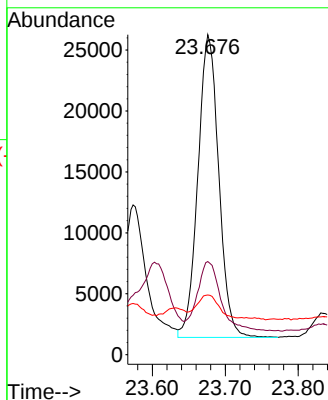
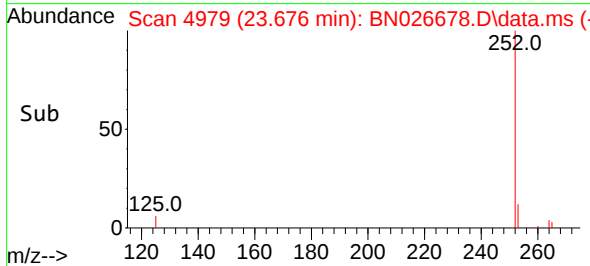
Instrument :
BNA_N
ClientSampleId :
O3504-2237



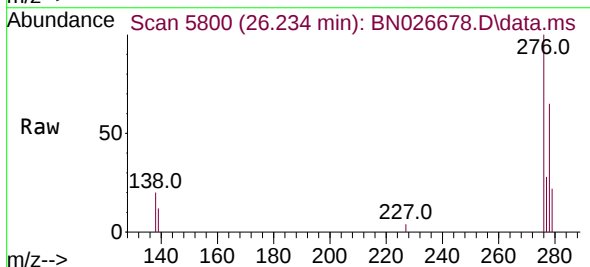
Tgt Ion:252 Resp: 4924
Ion Ratio Lower Upper
252 100
253 29.1 32.6 49.0#
125 18.7 19.3 28.9#

Manual Integrations
APPROVED

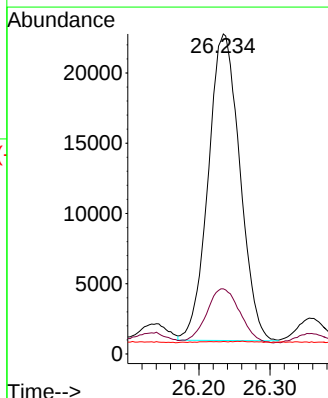
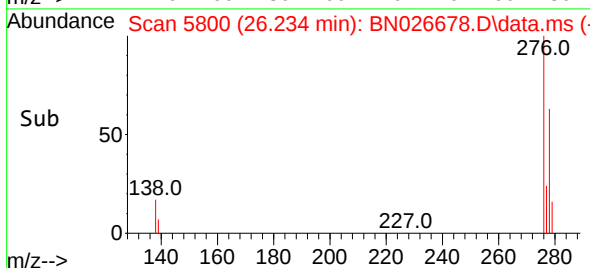
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

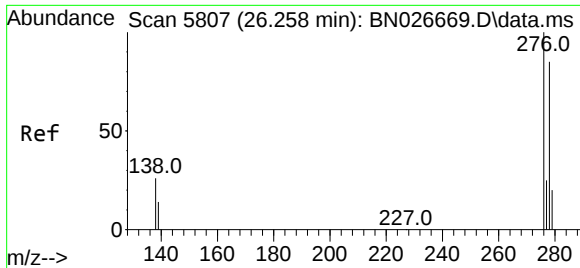


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.910 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN026678.D
Acq: 23 Jul 2023 15:55



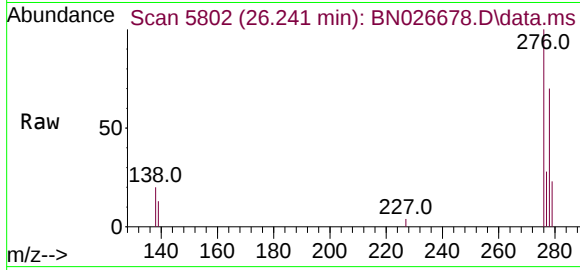
Tgt Ion:276 Resp: 67223
Ion Ratio Lower Upper
276 100
138 18.8 22.2 33.4#
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.964 ng/ul m
 RT: 26.241 min Scan# 5802
 Delta R.T. -0.017 min
 Lab File: BN026678.D
 Acq: 23 Jul 2023 15:55

Instrument :
 BNA_N
 ClientSampleId :
 O3504-2237



Tgt Ion: 278 Resp: 54628
 Ion Ratio Lower Upper
 278 100
 139 18.7 18.9 28.3
 279 33.1 31.3 46.9

Manual Integrations
 APPROVED

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

