

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026707.D
 Acq On : 24 Jul 2023 10:40
 Operator : MA/JU
 Sample : 03504-11DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 15:42:08 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	7.827	152	4336	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	15471	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.462	164	7619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	19488	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	11135	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	13034	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	543	0.095	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	632	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.241	212	1324	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.669	128	72213	1.700	ng/ul	97
7) 2-Methylnaphthalene	12.291	142	30883	1.281	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	21080	0.816	ng/ul	99
10) Acenaphthylene	14.185	152	2373	0.064	ng/ul#	69
11) Acenaphthene	14.522	153	92453	3.253	ng/ul	98
12) Fluorene	15.512	166	115614	3.877	ng/ul	98
15) Phenanthrene	17.253	178	1215261	19.580	ng/ul	97
16) Anthracene	17.342	178	305456	5.671	ng/ul	96
19) Fluoranthene	19.274	202	896601	17.178	ng/ul	98
20) Pyrene	19.636	202	549833	9.700	ng/ul	98
21) Benzo(a)anthracene	21.396	228	300592	7.346	ng/ul	98
22) Chrysene	21.449	228	260431	5.591	ng/ul	98
24) Benzo(b)fluoranthene	23.065	252	252454m	4.972	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	108920m	2.046	ng/ul	
26) Benzo(a)pyrene	23.679	252	95298	2.108	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.234	276	74018	1.249	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.234	278	28551	0.628	ng/ul	91
29) Benzo(g,h,i)perylene	26.999	276	4685	0.090	ng/ul#	71

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

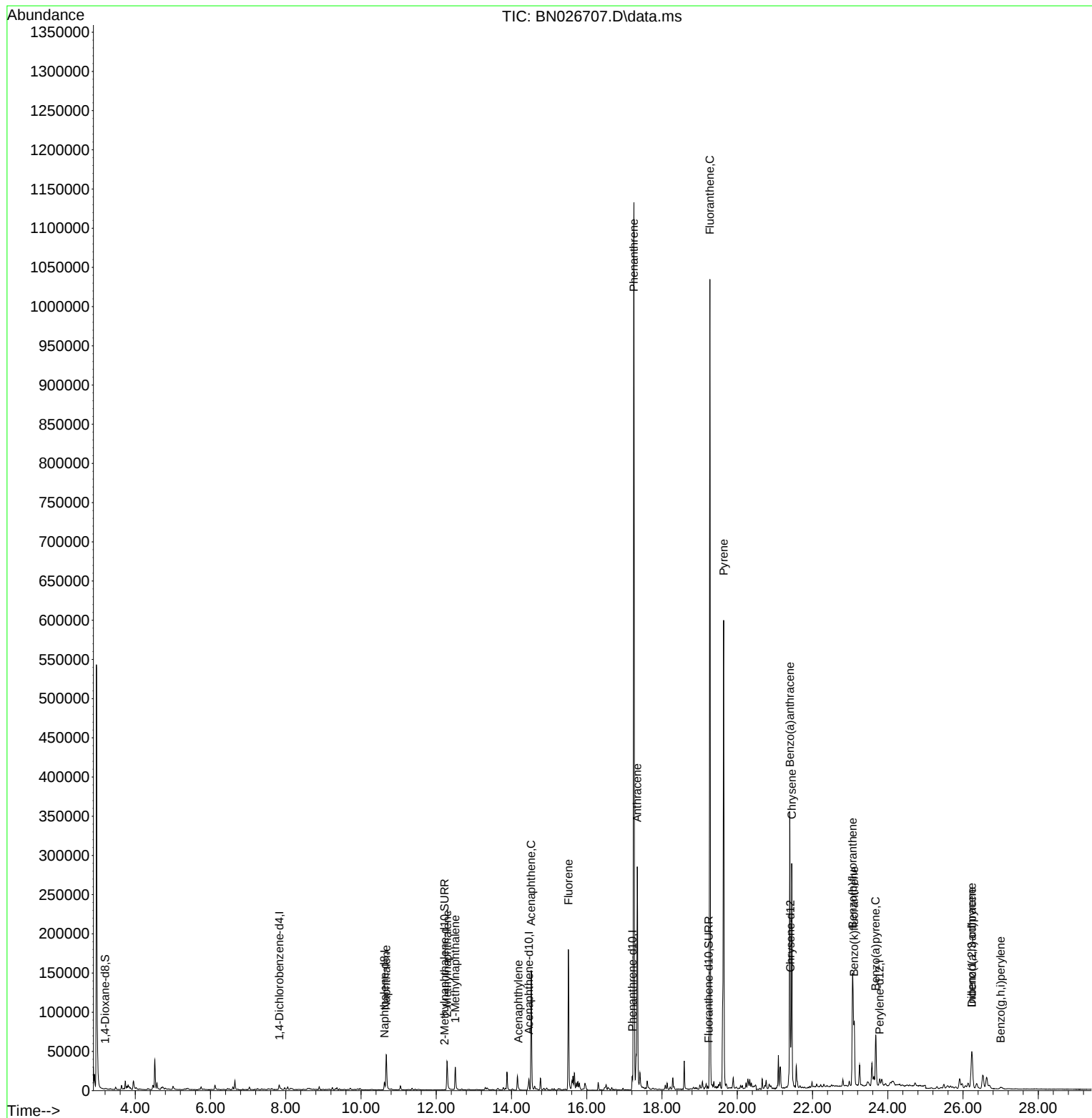
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026707.D
Acq On : 24 Jul 2023 10:40
Operator : MA/JU
Sample : 03504-11DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

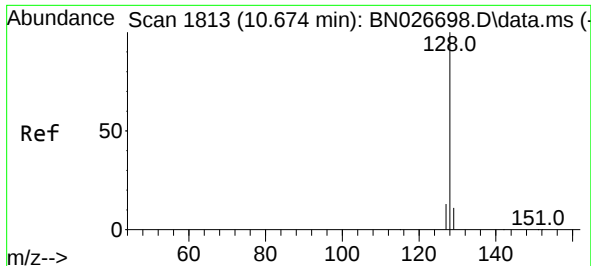
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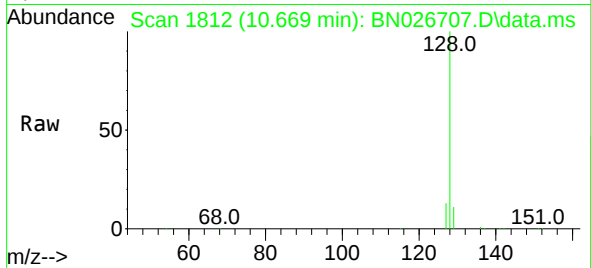
Quant Time: Jul 24 15:42:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.700 ng/ul
RT: 10.669 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

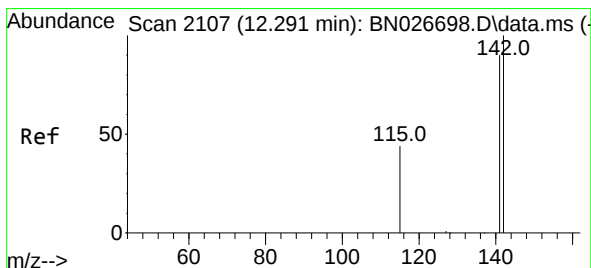
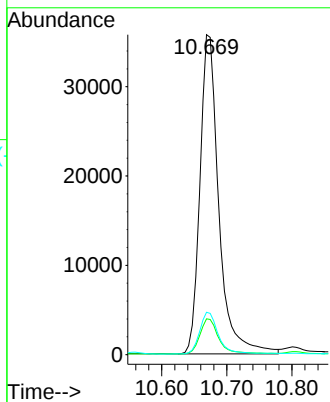
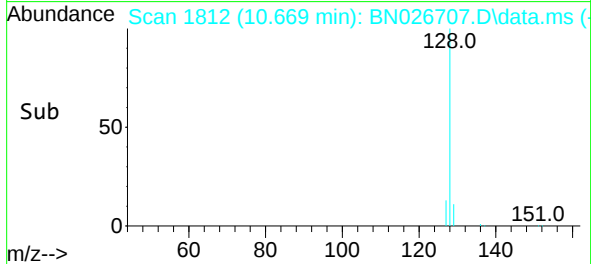
Instrument :
BNA_N
ClientSampleId :
A46W9DL



Tgt Ion:128 Resp: 7221
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 13.2 11.4 17.0

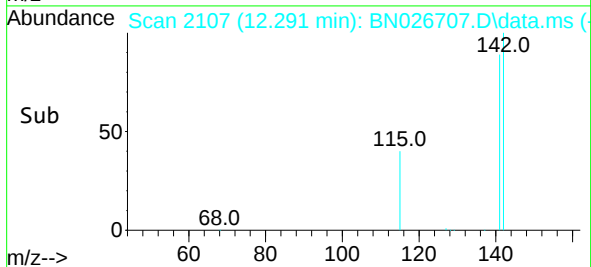
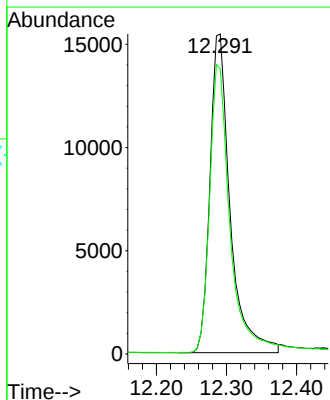
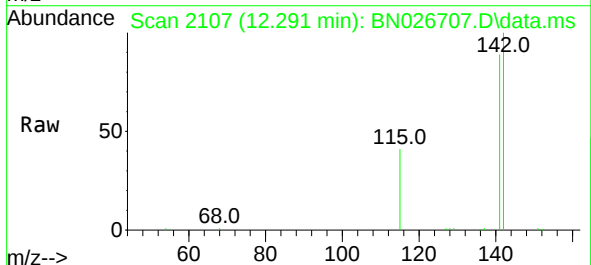
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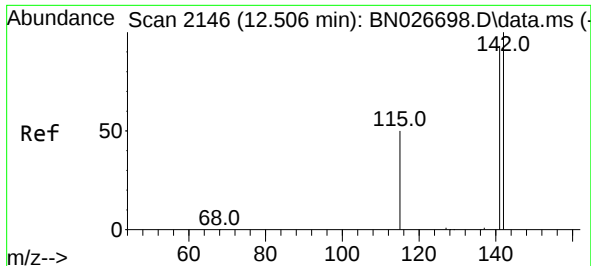
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 1.281 ng/ul
RT: 12.291 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

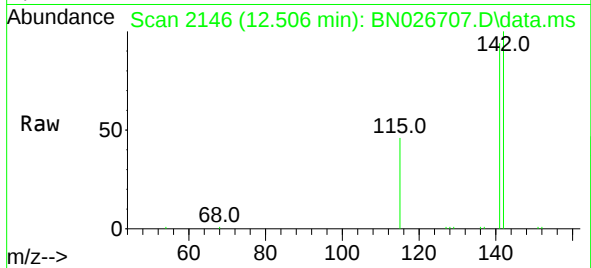
Tgt Ion:142 Resp: 30883
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.816 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

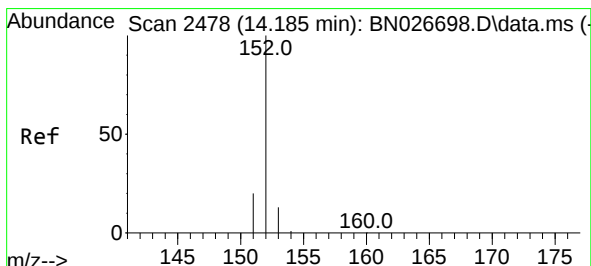
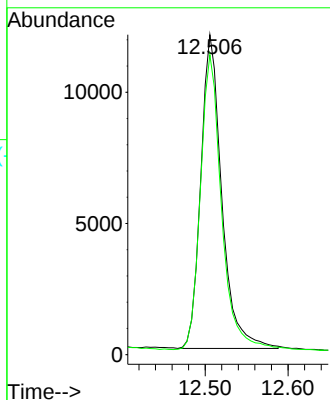
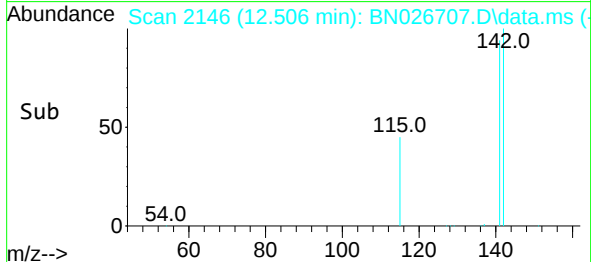
Instrument :
BNA_N
ClientSampleId :
A46W9DL



Tgt Ion:142 Resp: 21086
Ion Ratio Lower Upper
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141 94.2 74.5 111.7

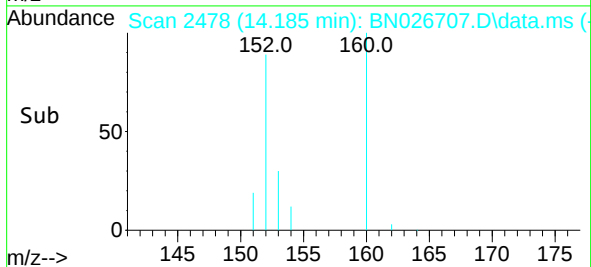
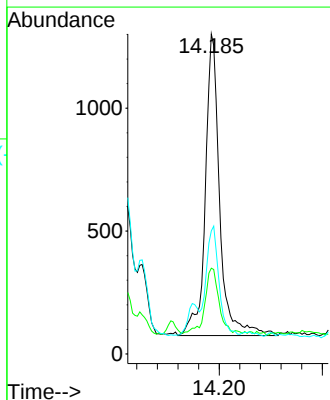
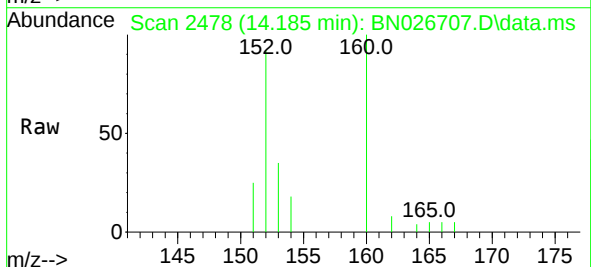
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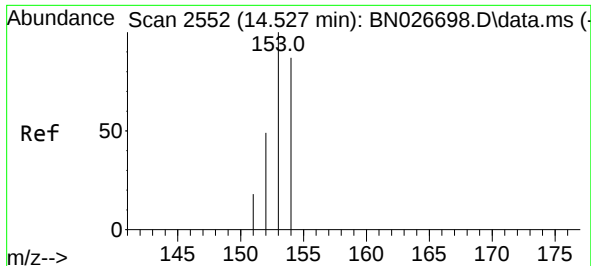
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

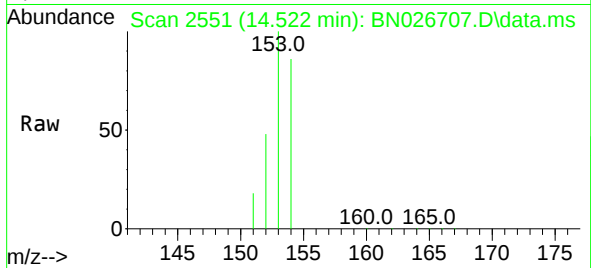
Tgt Ion:152 Resp: 2373
Ion Ratio Lower Upper
152 100
151 26.8 17.0 25.6#
153 38.5 11.4 17.2#





#11
Acenaphthene
Concen: 3.253 ng/u1
RT: 14.522 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

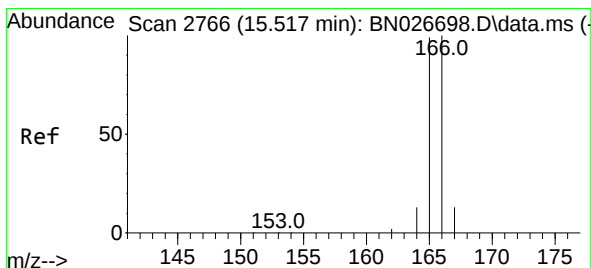
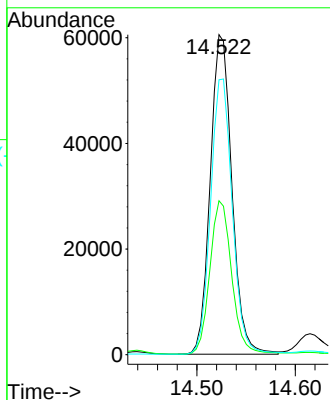
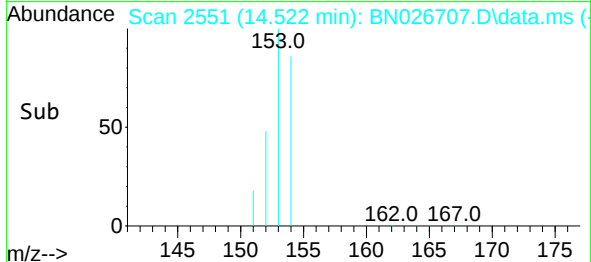
Instrument :
BNA_N
ClientSampleId :
A46W9DL



Tgt Ion:153 Resp: 9245
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 85.9 69.3 103.9

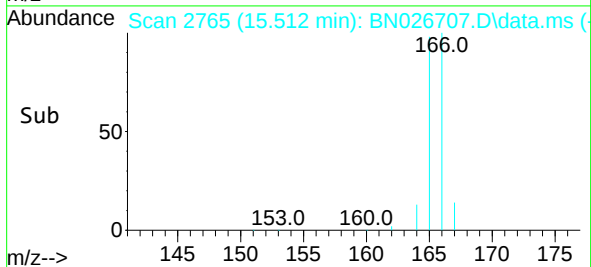
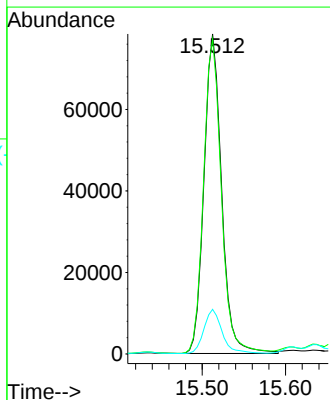
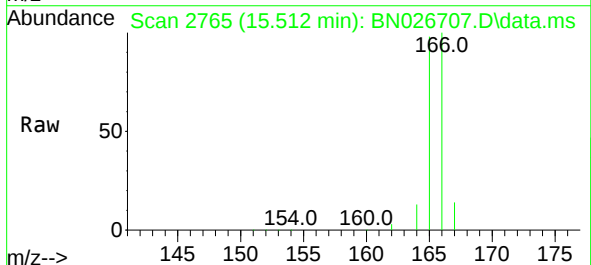
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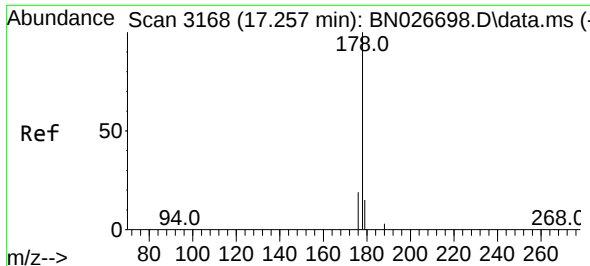
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 3.877 ng/u1
RT: 15.512 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

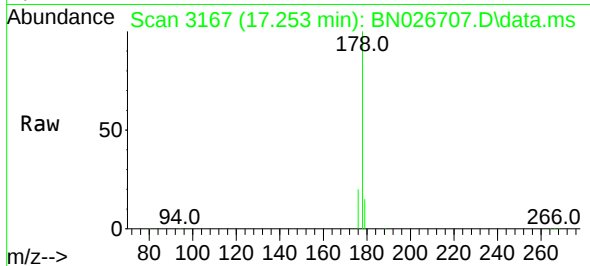
Tgt Ion:166 Resp: 115614
Ion Ratio Lower Upper
166 100
165 98.5 80.6 120.8
167 14.0 12.0 18.0





#15
Phenanthrene
Concen: 19.580 ng/u1
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

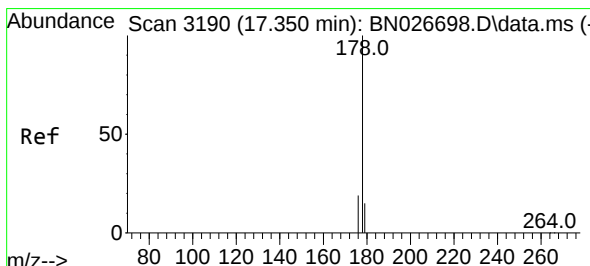
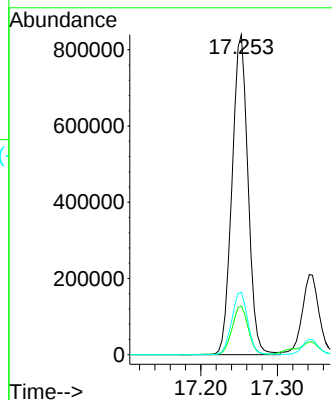
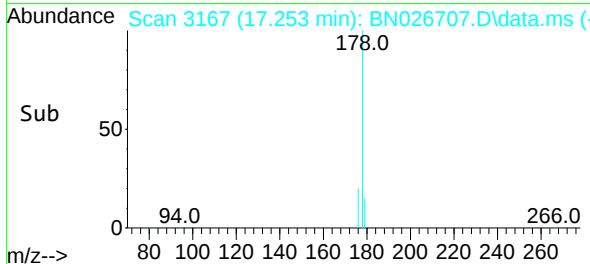
Instrument :
BNA_N
ClientSampleId :
A46W9DL



Tgt Ion:178 Resp: 121526
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.5 16.5 24.7

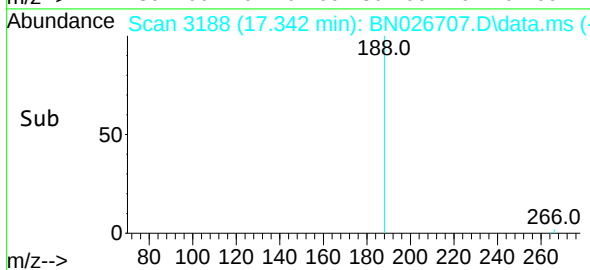
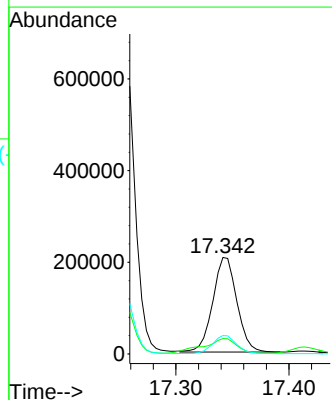
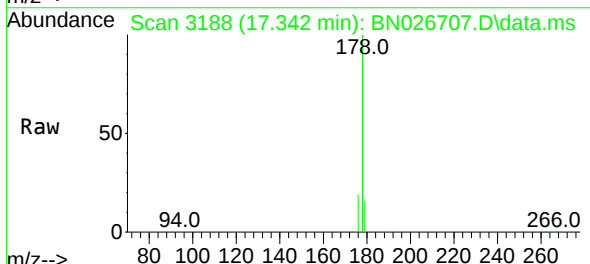
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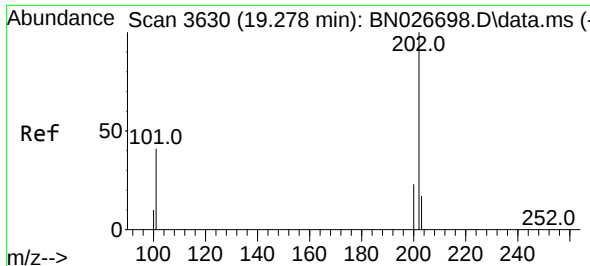
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 5.671 ng/u1
RT: 17.342 min Scan# 3188
Delta R.T. -0.009 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

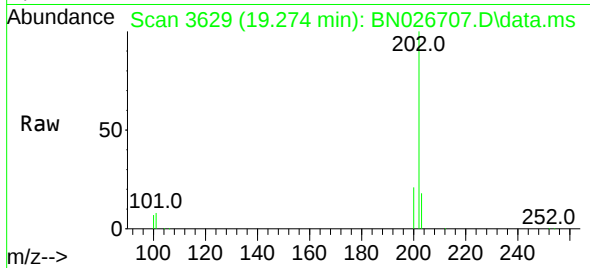
Tgt Ion:178 Resp: 305456
Ion Ratio Lower Upper
178 100
179 16.0 14.8 22.2
176 19.2 16.6 25.0





#19
Fluoranthene
Concen: 17.178 ng/u1
RT: 19.274 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

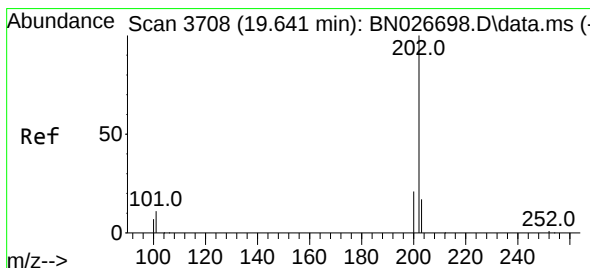
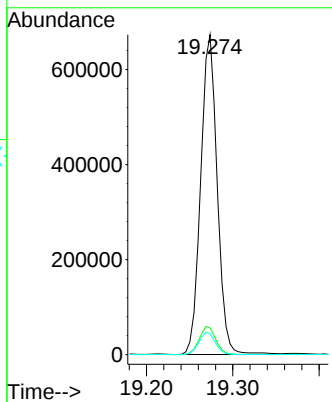
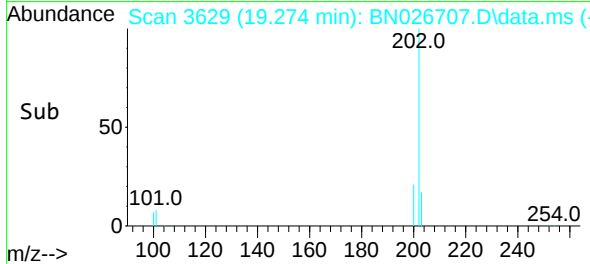
Instrument :
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A46W9DL



Tgt Ion:202 Resp: 89660
Ion Ratio Lower Upper
202 100
101 8.4 7.0 10.4
100 6.5 6.0 9.0

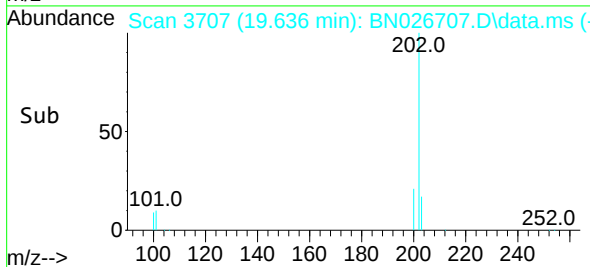
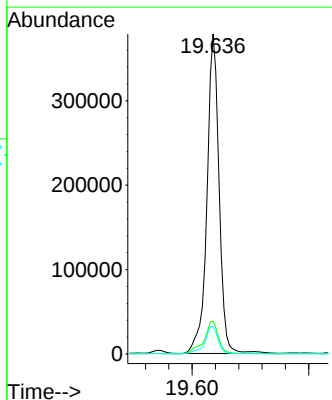
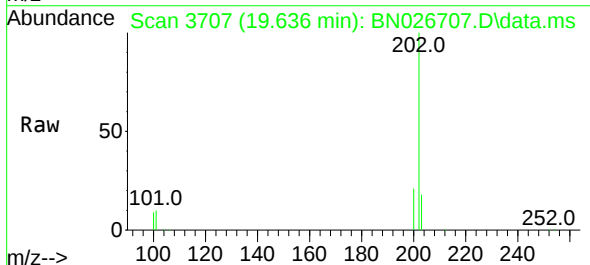
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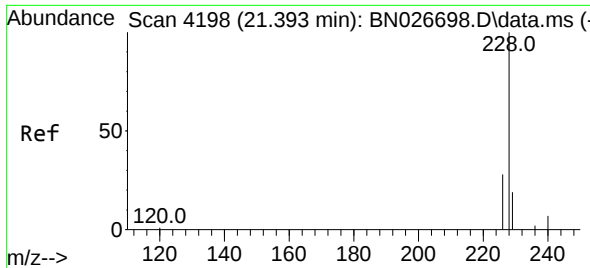
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 9.700 ng/u1
RT: 19.636 min Scan# 3707
Delta R.T. -0.009 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

Tgt Ion:202 Resp: 549833
Ion Ratio Lower Upper
202 100
101 10.2 8.0 12.0
100 8.6 6.2 9.2





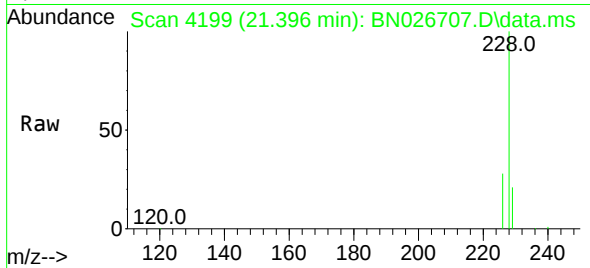
#21
Benzo(a)anthracene
Concen: 7.346 ng/u1
RT: 21.396 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

Instrument :

BNA_N

ClientSampleId :

A46W9DL



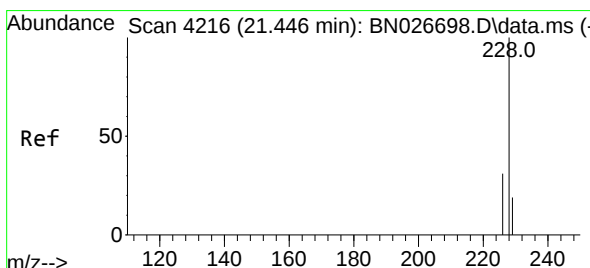
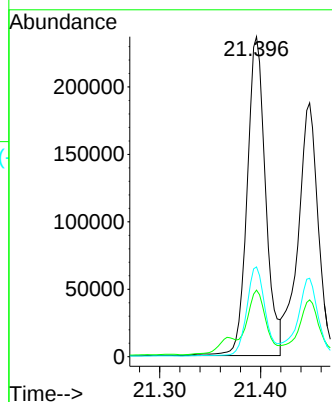
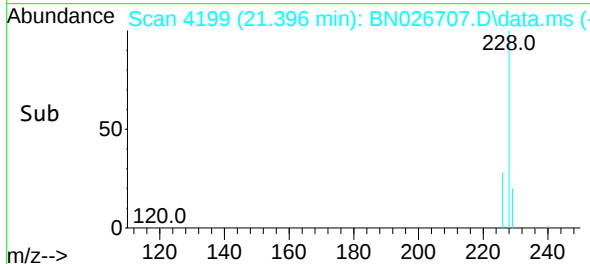
Tgt Ion:228 Resp: 300592
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 28.1 23.5 35.3

Manual Integrations

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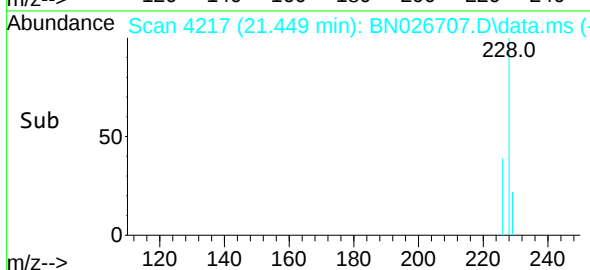
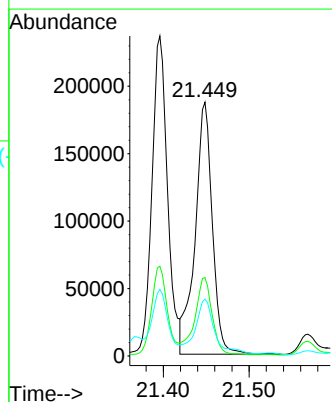
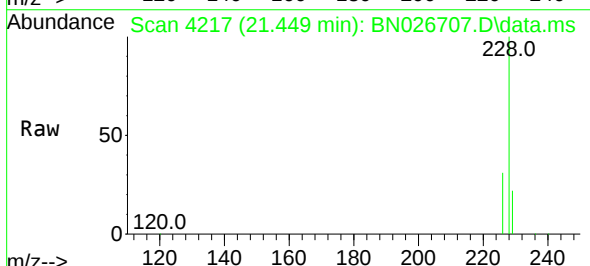
Reviewed By :Yogesh Patel 07/24/2023

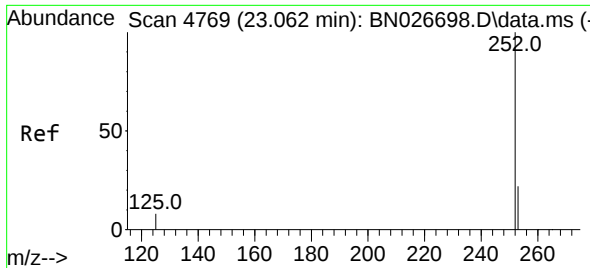
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 5.591 ng/u1
RT: 21.449 min Scan# 4217
Delta R.T. -0.006 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

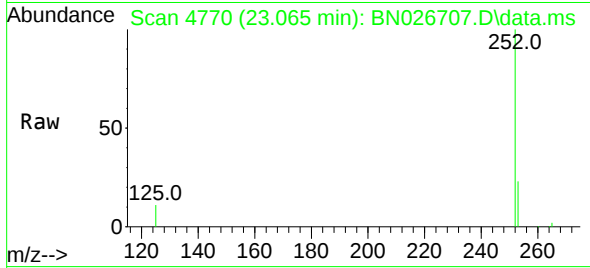
Tgt Ion:228 Resp: 260431
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 22.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 4.972 ng/ul m
RT: 23.065 min Scan# 4770
Delta R.T. -0.003 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

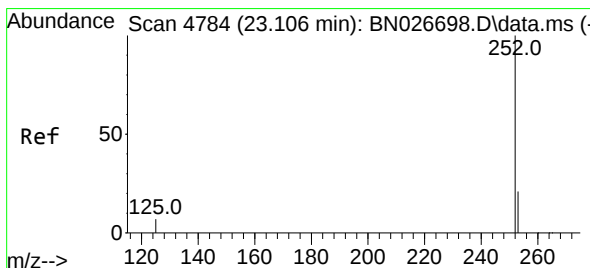
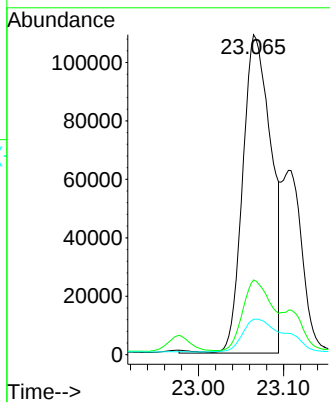
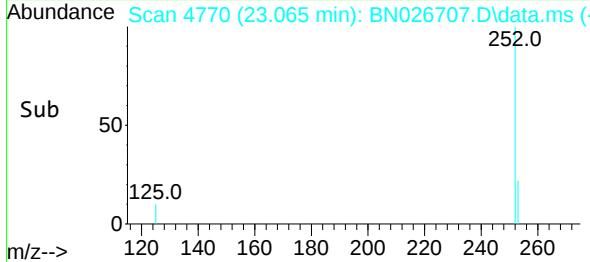
Instrument :
BNA_N
ClientSampleId :
A46W9DL



Tgt Ion:252 Resp: 252454
Ion Ratio Lower Upper
252 100
253 23.3 0.0 68.6
125 11.1 0.0 34.0

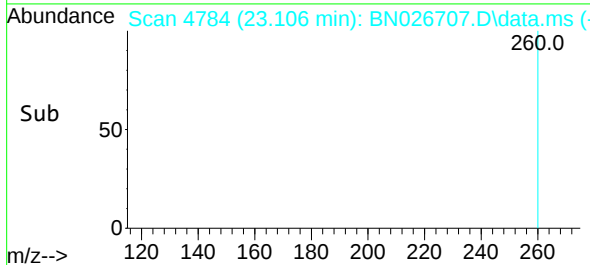
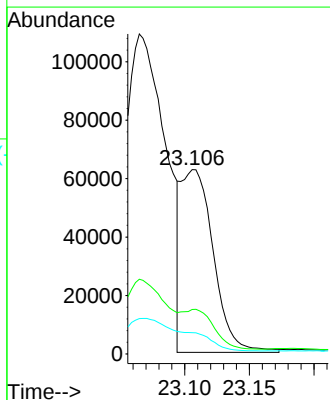
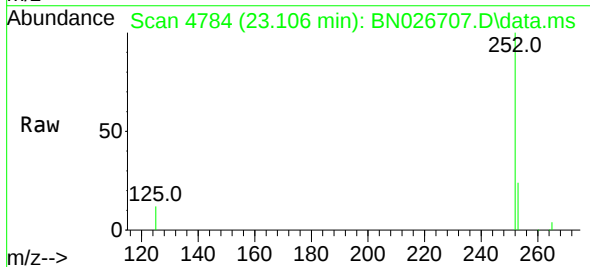
Manual Integrations
APPROVED

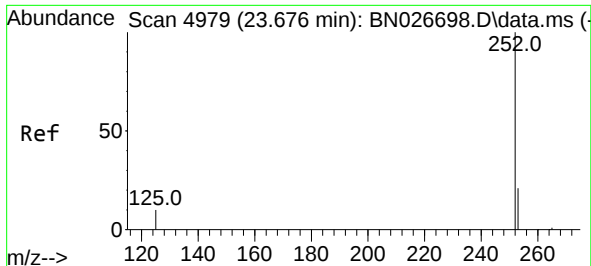
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 2.046 ng/ul m
RT: 23.106 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

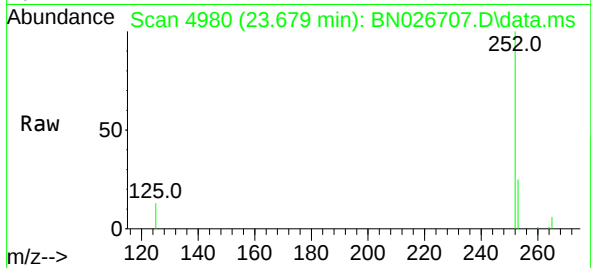
Tgt Ion:252 Resp: 108920
Ion Ratio Lower Upper
252 100
253 24.1 27.2 40.8#
125 11.5 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 2.108 ng/ul
RT: 23.679 min Scan# 4979
Delta R.T. -0.006 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

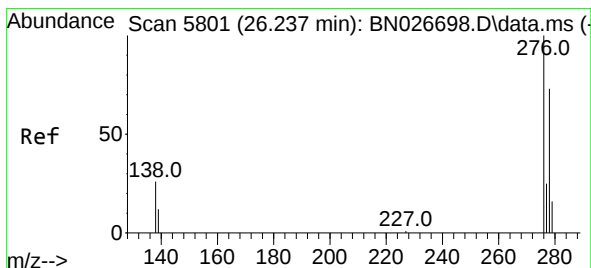
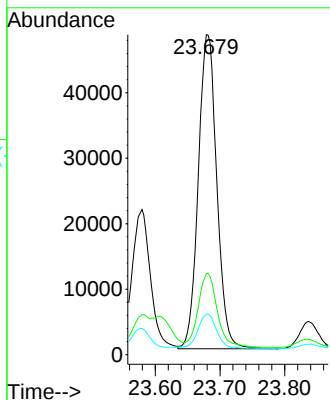
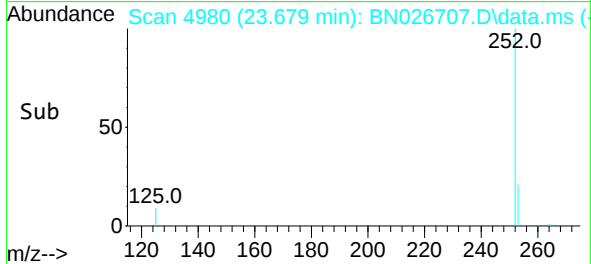
Instrument :
BNA_N
ClientSampleId :
A46W9DL



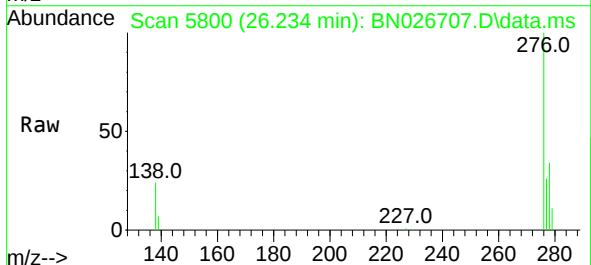
Tgt Ion:252 Resp: 95298
Ion Ratio Lower Upper
252 100
253 25.3 32.6 49.0
125 12.6 19.3 28.9

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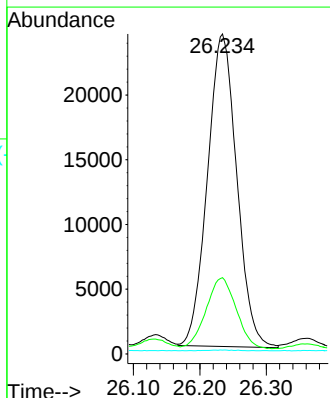
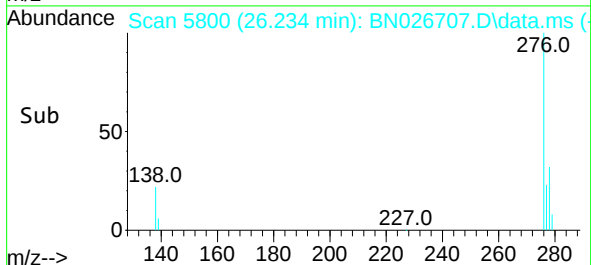
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

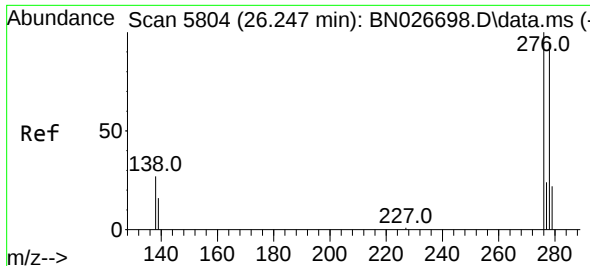


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.249 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40



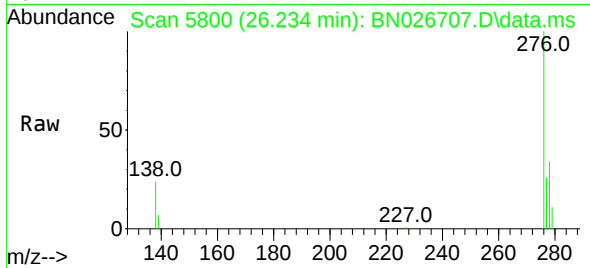
Tgt Ion:276 Resp: 74018
Ion Ratio Lower Upper
276 100
138 23.3 22.2 33.4
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.628 ng/ul
RT: 26.234 min Scan# 5804
Delta R.T. -0.024 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

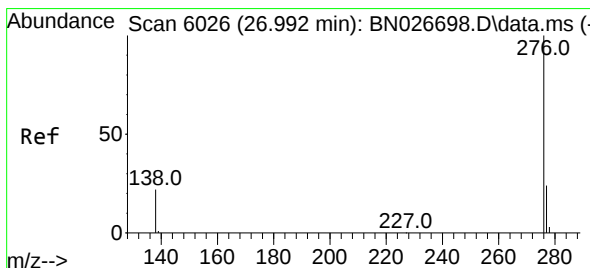
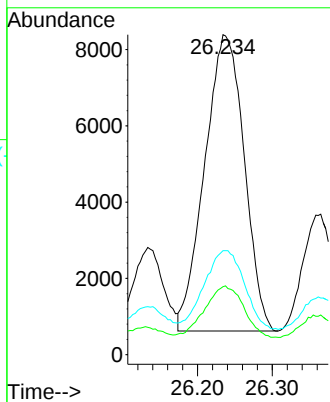
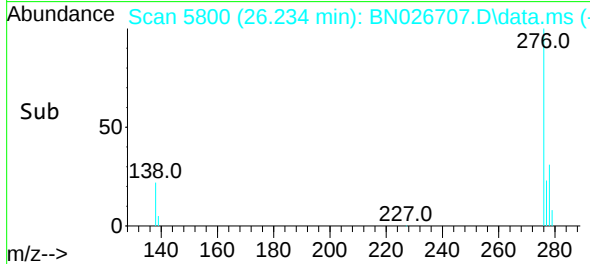
Instrument :
BNA_N
ClientSampleId :
A46W9DL



Tgt Ion:278 Resp: 2855
Ion Ratio Lower Upper
278 100
139 21.3 18.9 28.3
279 32.5 31.3 46.9

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



#29
Benzo(g,h,i)perylene
Concen: 0.090 ng/ul
RT: 26.999 min Scan# 6028
Delta R.T. -0.003 min
Lab File: BN026707.D
Acq: 24 Jul 2023 10:40

Tgt Ion:276 Resp: 4685
Ion Ratio Lower Upper
276 100
138 41.4 22.6 34.0#
277 44.9 21.8 32.8#

