

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026612.D
 Acq On : 21 Jul 2023 04:08
 Operator : MA/JU
 Sample : 03501-05DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 06:39:33 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	7.840	152	1991	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.636	136	7057	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.471	164	4680	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	21197	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	11997	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	11779	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1396	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	690	0.072	ng/ul	-0.01
18) Fluoranthene-d10	19.246	212	2434	0.059	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.691	128	1949	0.101	ng/ul#	85
7) 2-Methylnaphthalene	12.313	142	839	0.076	ng/ul	98
8) 1-Methylnaphthalene	12.522	142	856	0.073	ng/ul	99
10) Acenaphthylene	14.189	152	3461	0.151	ng/ul#	92
11) Acenaphthene	14.532	153	4775	0.273	ng/ul	98
12) Fluorene	15.522	166	6880	0.376	ng/ul	96
15) Phenanthrene	17.257	178	84801	1.256	ng/ul	97
16) Anthracene	17.350	178	15445	0.264	ng/ul	98
19) Fluoranthene	19.278	202	145669	2.590	ng/ul	99
20) Pyrene	19.641	202	50376	0.825	ng/ul	97
21) Benzo(a)anthracene	21.393	228	65327	1.482	ng/ul	99
22) Chrysene	21.446	228	61977	1.235	ng/ul	99
24) Benzo(b)fluoranthene	23.059	252	65954m	1.437	ng/ul	
25) Benzo(k)fluoranthene	23.103	252	32022m	0.666	ng/ul	
26) Benzo(a)pyrene	23.679	252	7695	0.188	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.234	276	9744	0.182	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.241	278	7938	0.193	ng/ul#	90

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

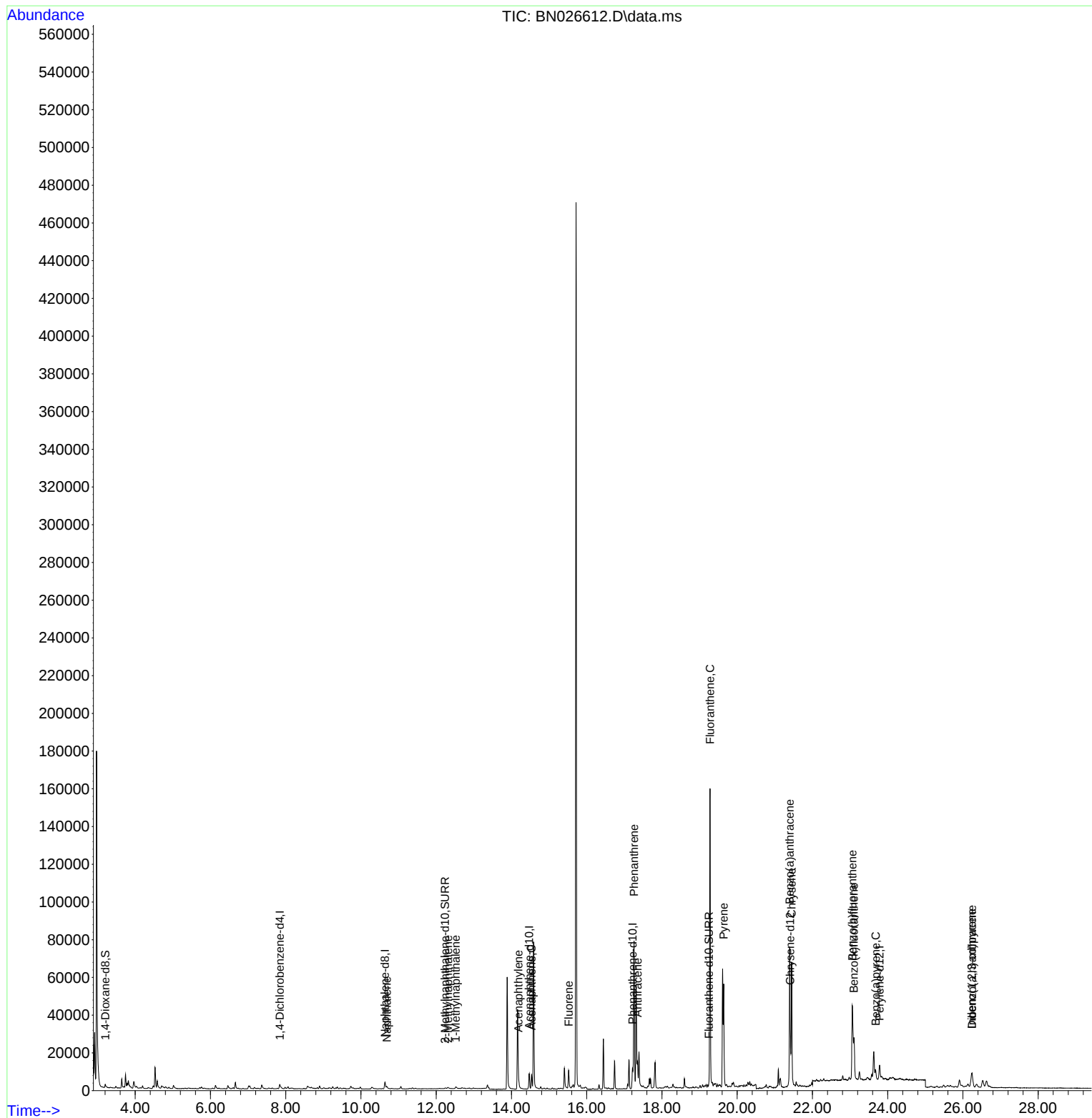
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026612.D
Acq On : 21 Jul 2023 04:08
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ALS Vial : 22 Sample Multiplier: 1

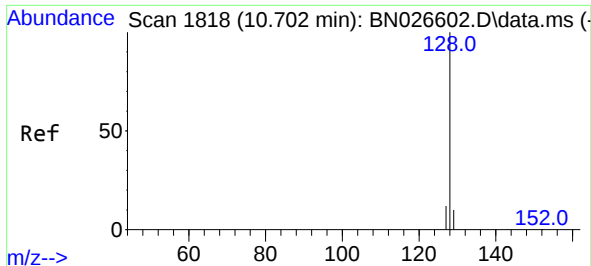
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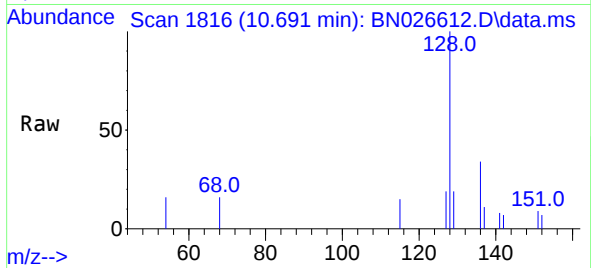
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.691 min Scan# 1818
Delta R.T. -0.011 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

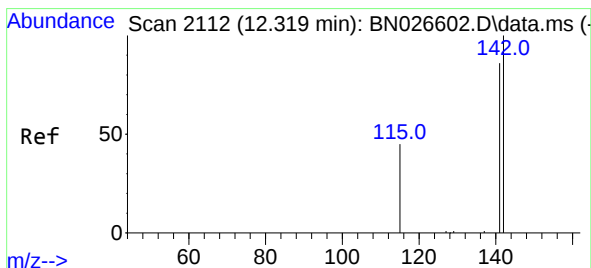
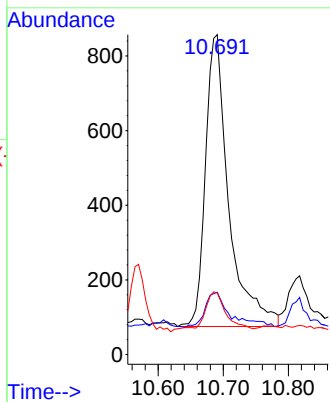
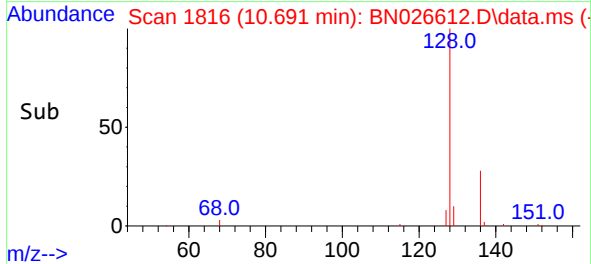
Instrument :
BNA_N
ClientSampleId :
A46W2DL



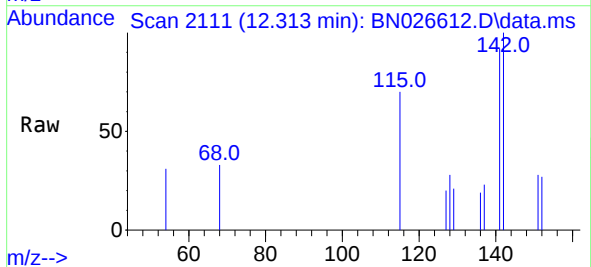
Tgt Ion:128 Resp: 1949
Ion Ratio Lower Upper
128 100
129 19.5 10.2 15.2
127 19.3 11.4 17.0

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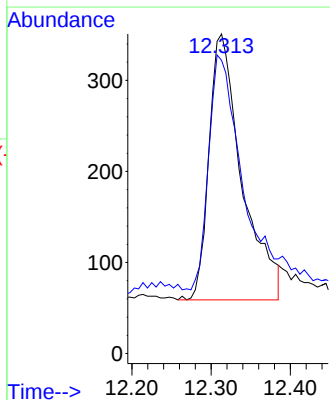
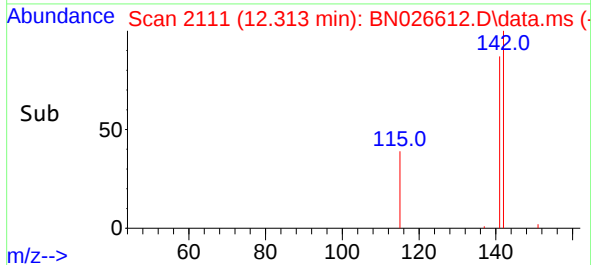
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

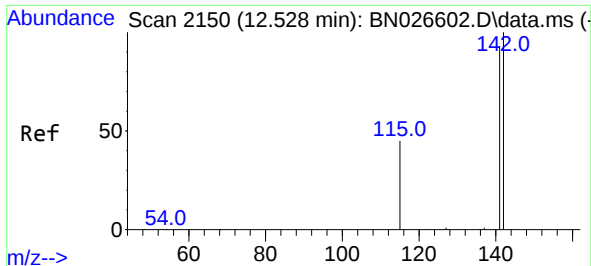


#7
2-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.313 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08



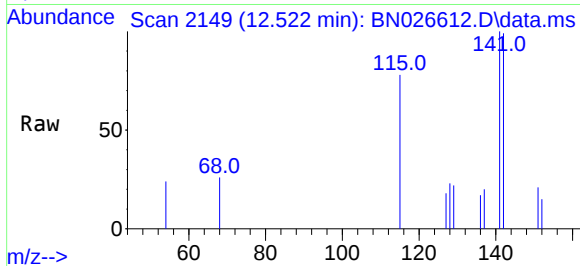
Tgt Ion:142 Resp: 839
Ion Ratio Lower Upper
142 100
141 88.4 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.073 ng/u1
RT: 12.522 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

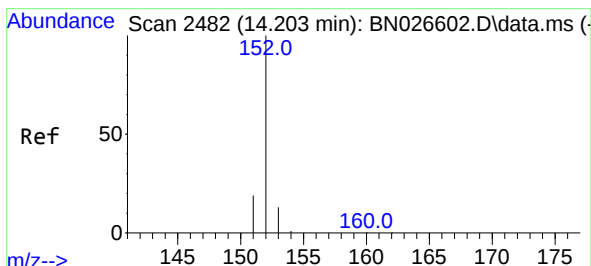
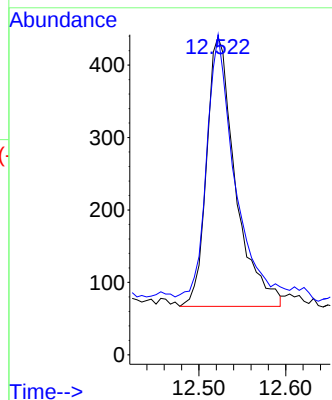
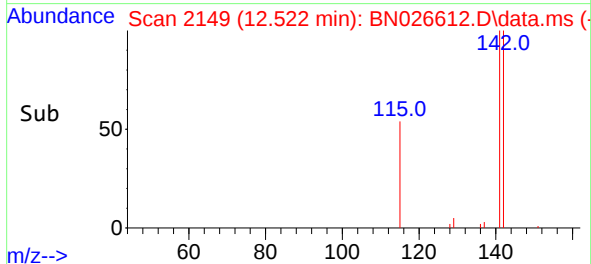
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 850
Ion Ratio Lower Upper
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141 92.5 74.5 111.7

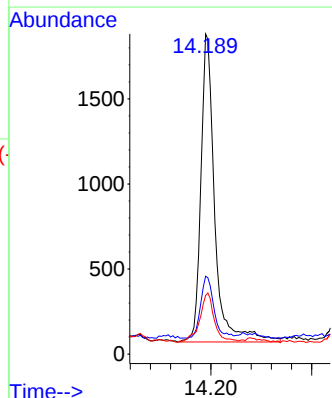
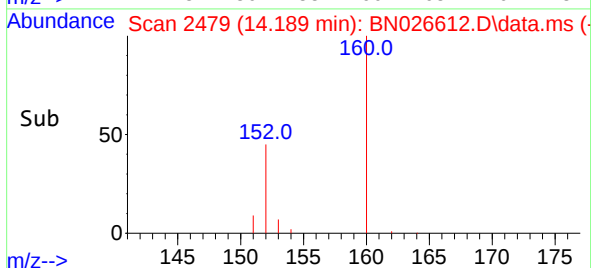
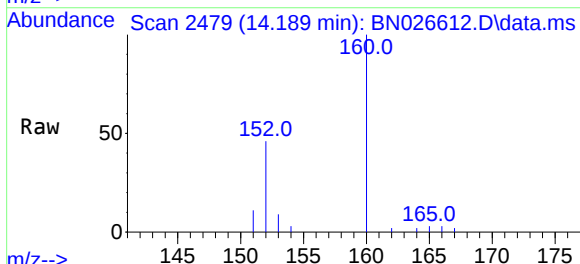
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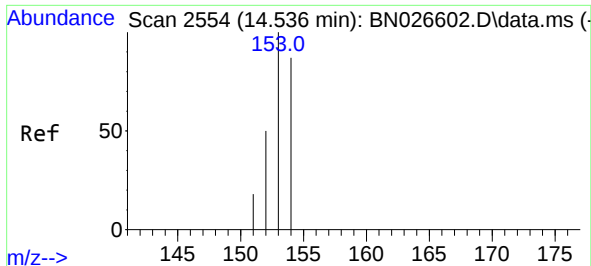
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.151 ng/u1
RT: 14.189 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

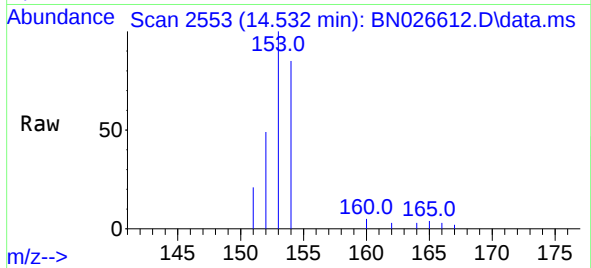
Tgt Ion:152 Resp: 3461
Ion Ratio Lower Upper
152 100
151 24.3 17.0 25.6
153 18.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.273 ng/u1
RT: 14.532 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

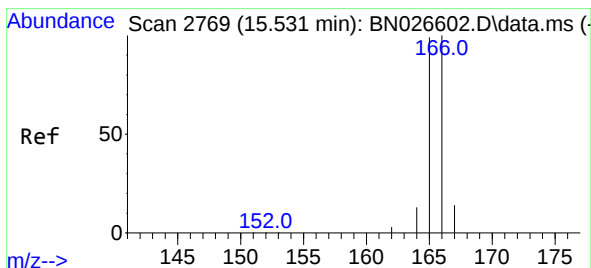
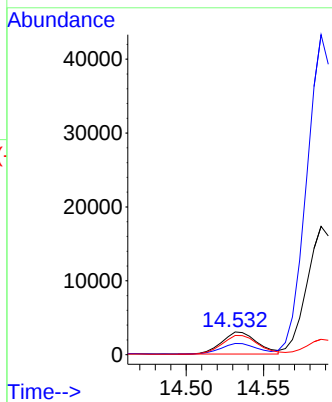
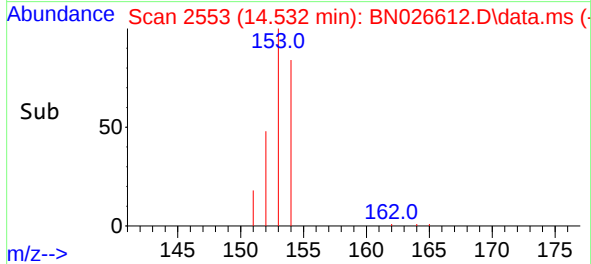
Instrument :
BNA_N
ClientSampleId :
A46W2DL



Tgt Ion:153 Resp: 4775
Ion Ratio Lower Upper
153 100
152 49.5 40.2 60.4
154 84.5 69.3 103.9

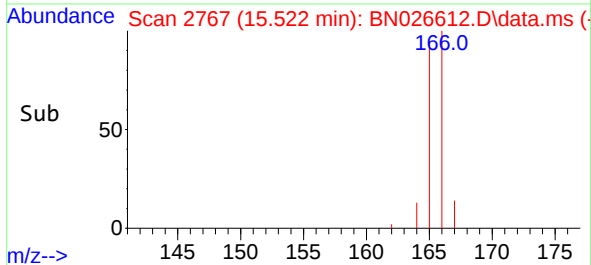
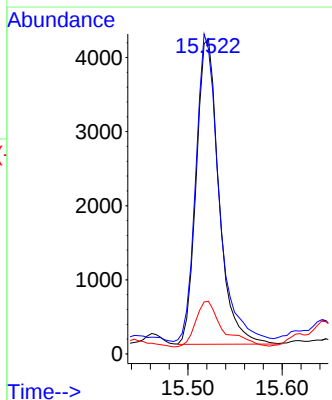
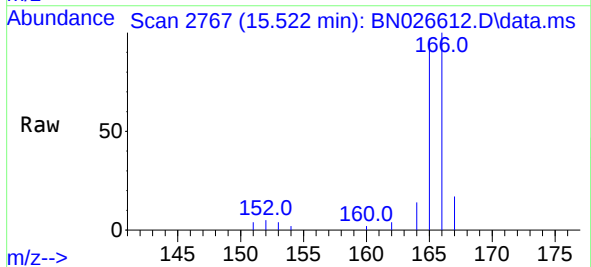
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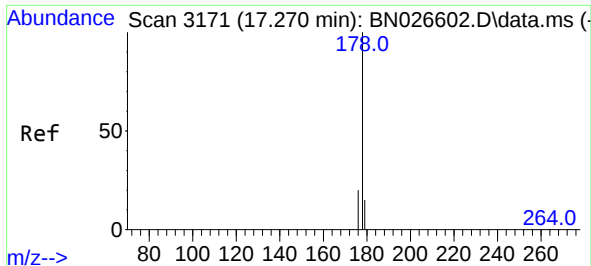
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.376 ng/u1
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

Tgt Ion:166 Resp: 6880
Ion Ratio Lower Upper
166 100
165 96.8 80.6 120.8
167 16.7 12.0 18.0





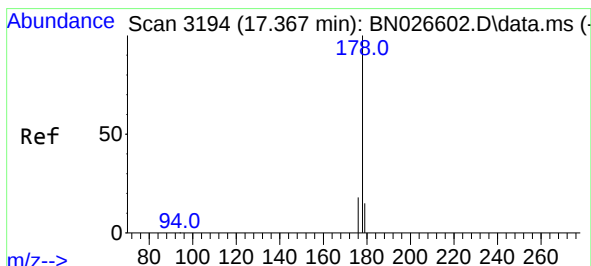
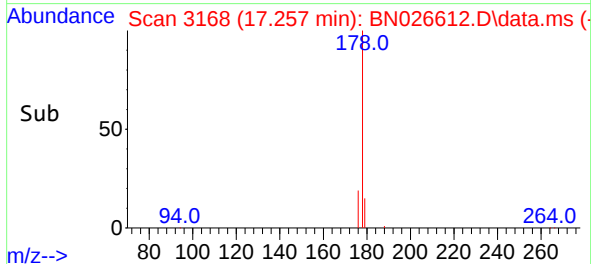
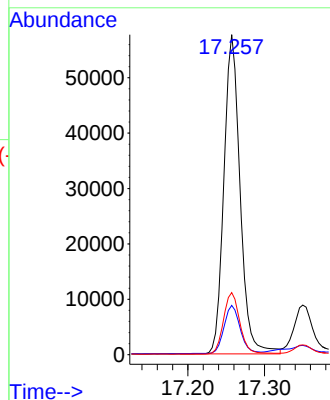
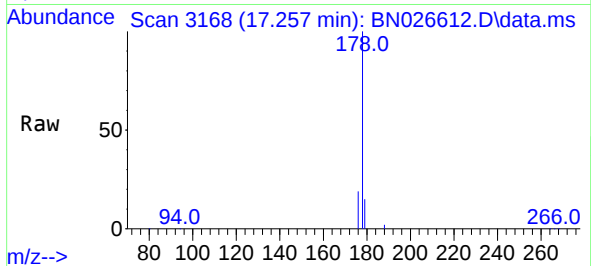
#15
Phenanthrene
Concen: 1.256 ng/u1
RT: 17.257 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

Instrument :
BNA_N
ClientSampleId :
A46W2DL

Tgt Ion:178 Resp: 8480
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.4 16.5 24.7

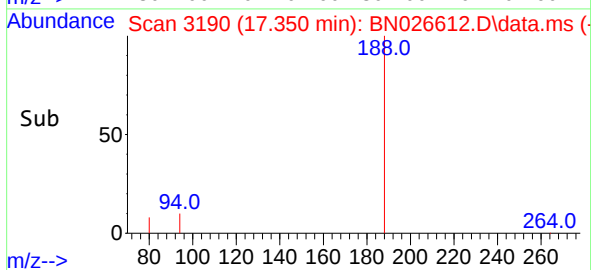
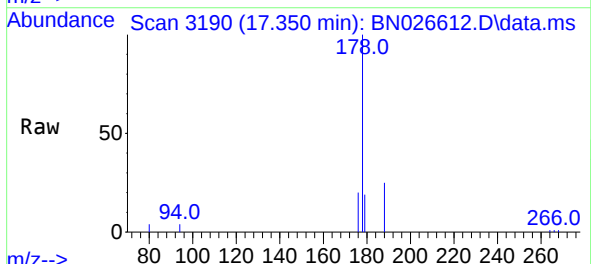
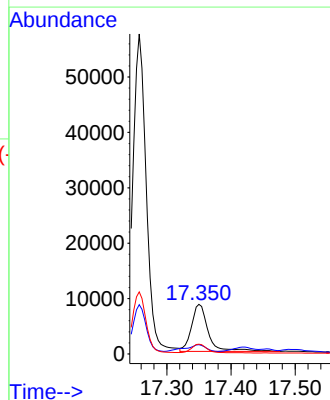
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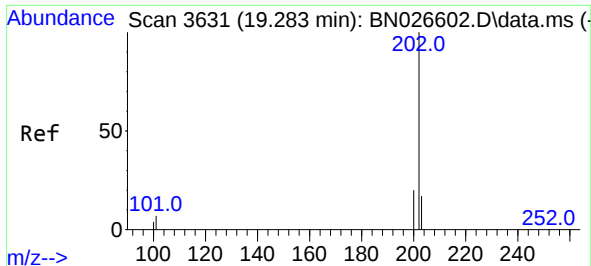
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 0.264 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

Tgt Ion:178 Resp: 15445
Ion Ratio Lower Upper
178 100
179 18.8 14.8 22.2
176 19.7 16.6 25.0





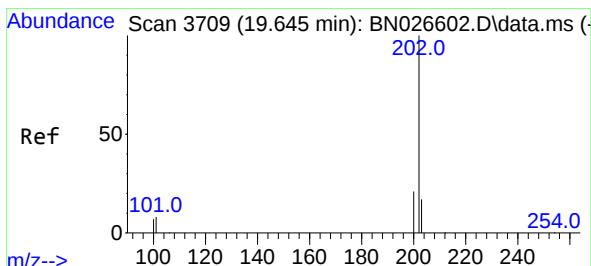
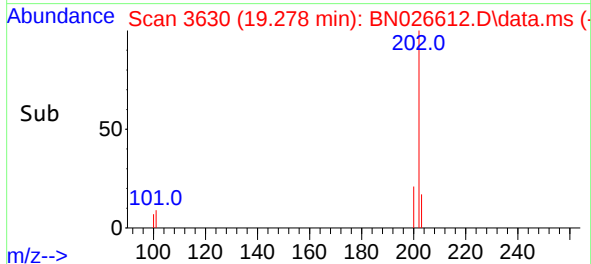
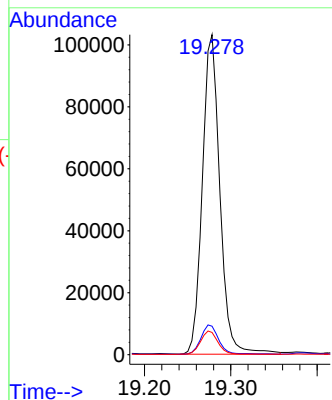
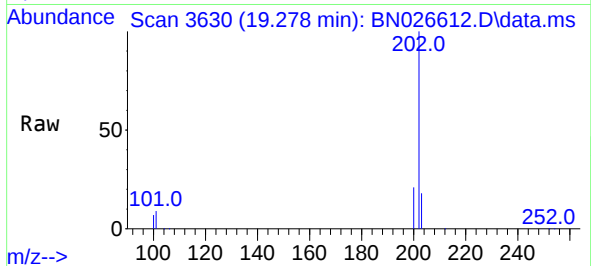
#19
Fluoranthene
Concen: 2.590 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

Instrument :
BNA_N
ClientSampleId :
A46W2DL

Tgt Ion:202 Resp: 14566
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.4
100 6.9 6.0 9.0

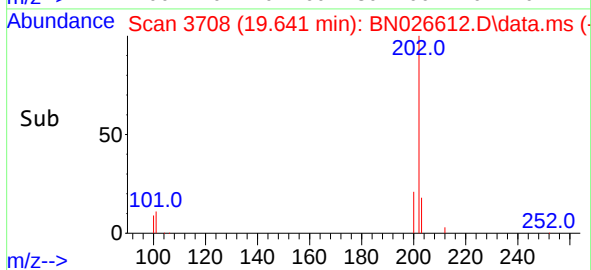
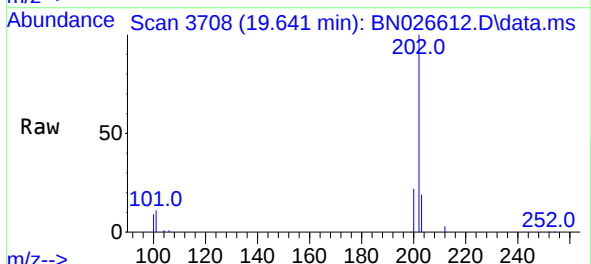
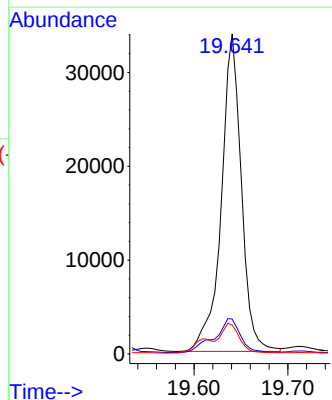
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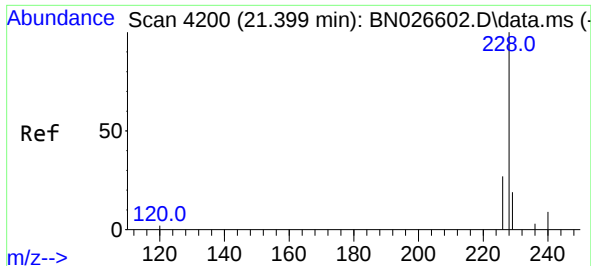
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 0.825 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

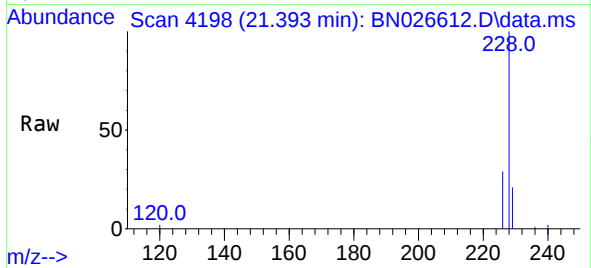
Tgt Ion:202 Resp: 50376
Ion Ratio Lower Upper
202 100
101 10.9 8.0 12.0
100 9.0 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.482 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

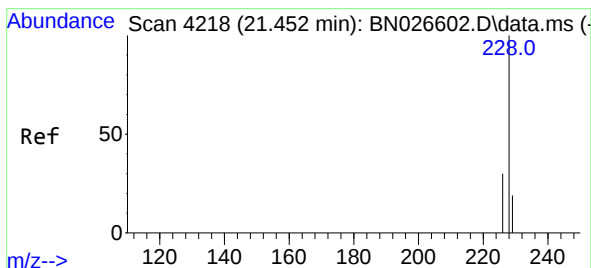
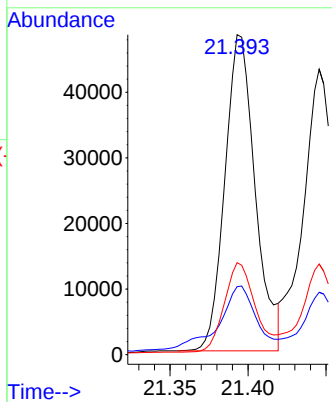
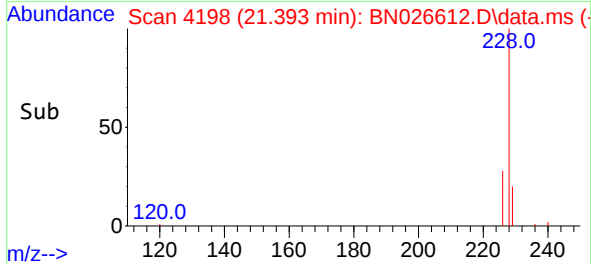
Instrument :
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Tgt Ion:228 Resp: 65327
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 28.7 23.5 35.3

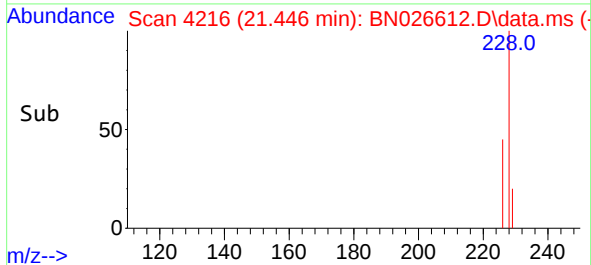
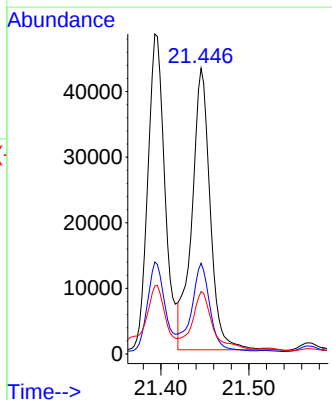
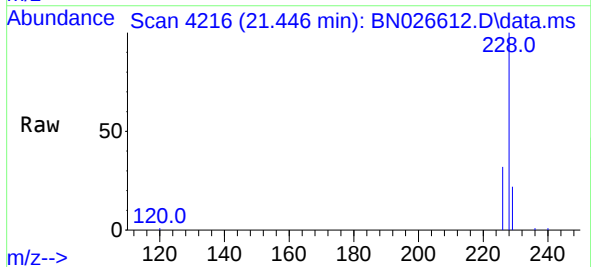
Manual Integrations
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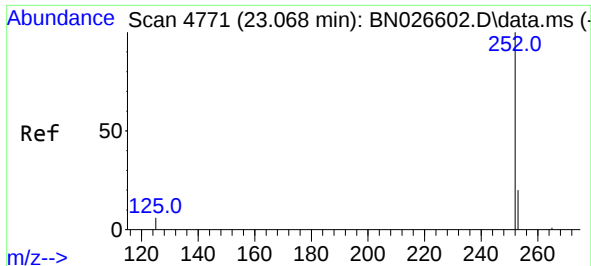
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 1.235 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.006 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

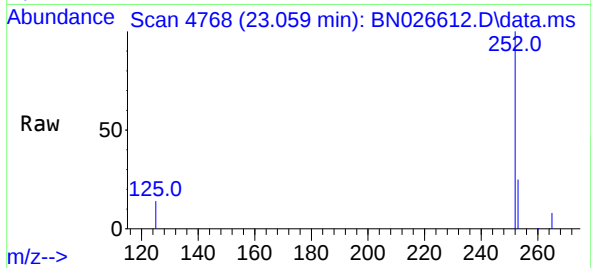
Tgt Ion:228 Resp: 61977
Ion Ratio Lower Upper
228 100
226 31.8 25.2 37.8
229 21.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.437 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

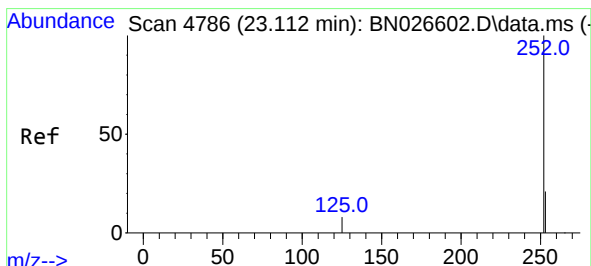
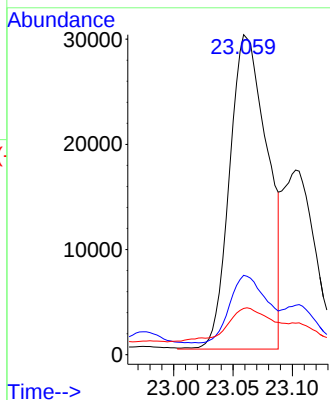
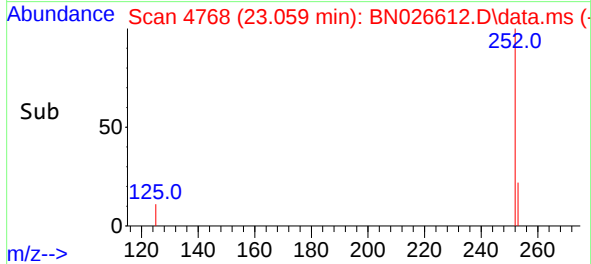
Instrument :
BNA_N
ClientSampleId :
A46W2DL



Tgt Ion:252 Resp: 65954
Ion Ratio Lower Upper
252 100
253 24.8 0.0 68.6
125 14.5 0.0 34.0

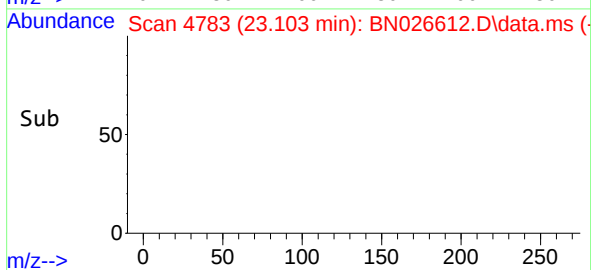
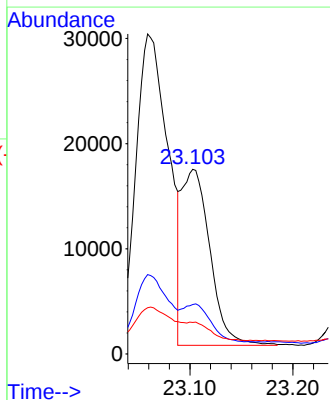
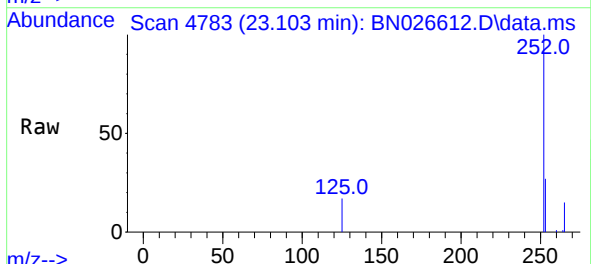
Manual Integrations
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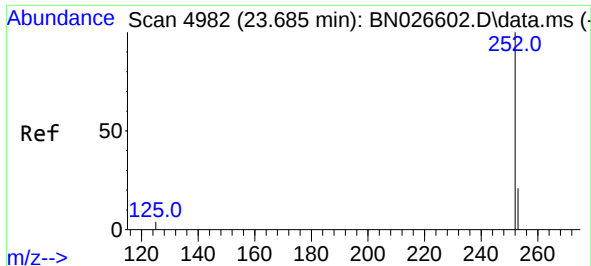
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.666 ng/ul m
RT: 23.103 min Scan# 4783
Delta R.T. -0.009 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

Tgt Ion:252 Resp: 32022
Ion Ratio Lower Upper
252 100
253 26.8 27.2 40.8#
125 17.1 13.4 20.2





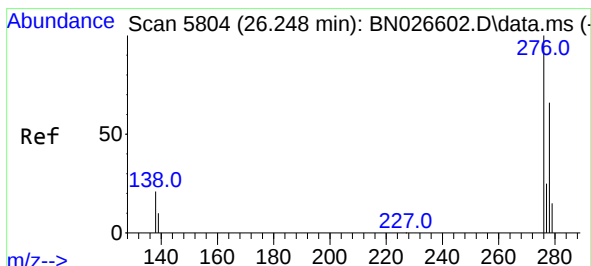
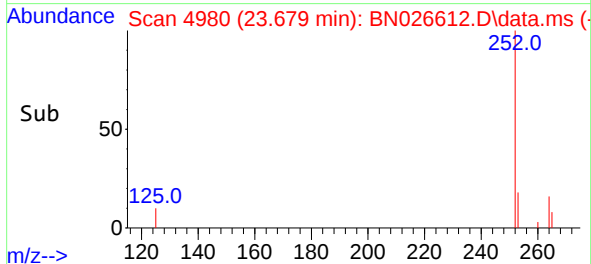
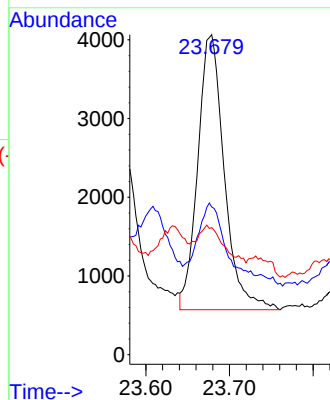
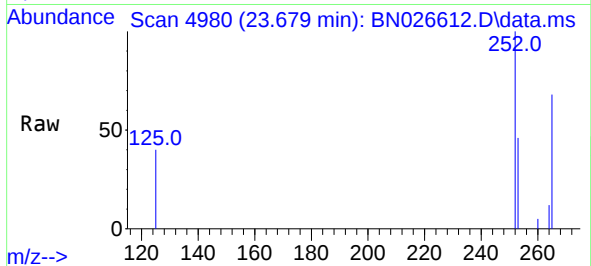
#26
Benzo(a)pyrene
Concen: 0.188 ng/ul
RT: 23.679 min Scan# 4982
Delta R.T. -0.006 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

Instrument :
BNA_N
ClientSampleId :
A46W2DL

Tgt Ion:252 Resp: 769
Ion Ratio Lower Upper
252 100
253 46.2 32.6 49.0
125 39.7 19.3 28.9

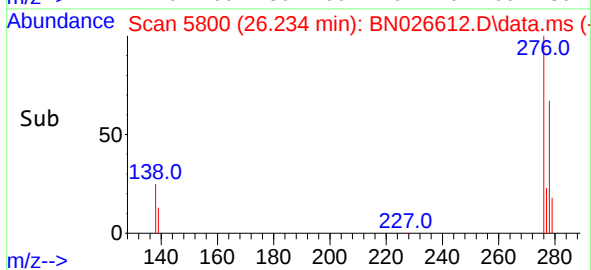
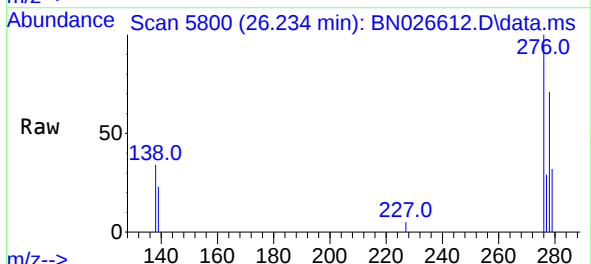
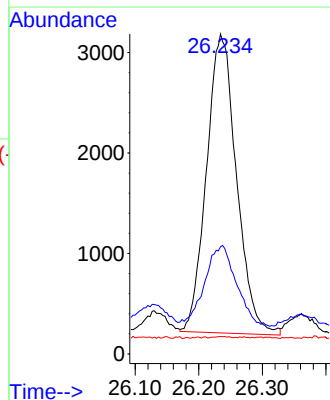
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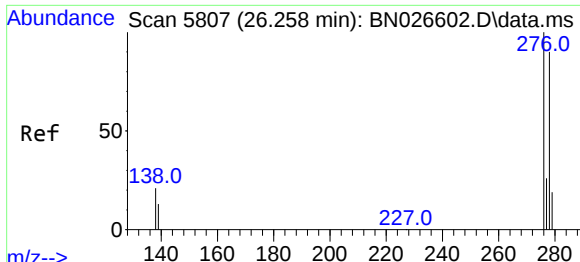
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.014 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

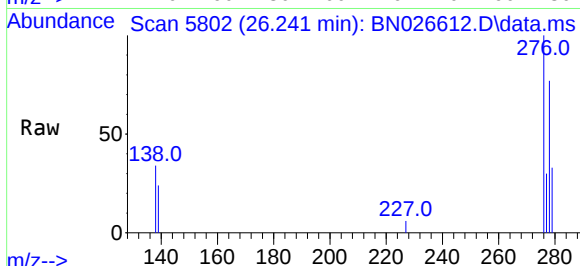
Tgt Ion:276 Resp: 9744
Ion Ratio Lower Upper
276 100
138 28.4 22.2 33.4
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 26.241 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN026612.D
Acq: 21 Jul 2023 04:08

Instrument :
BNA_N
ClientSampleId :
A46W2DL



Tgt Ion:278 Resp: 7938
Ion Ratio Lower Upper
278 100
139 30.7 18.9 28.3
279 43.3 31.3 46.9

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

