

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026611.D
 Acq On : 21 Jul 2023 03:31
 Operator : MA/JU
 Sample : 03501-04DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 04:07:53 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	2013	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.636	136	7131	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	4732	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.236	188	23713	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.407	240	12822	0.400	ng/ul	0.00
23) Perylene-d12	23.775	264	13223	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	1333	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	770	0.079	ng/ul	-0.01
18) Fluoranthene-d10	19.245	212	2548	0.057	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.685	128	4230	0.216	ng/ul#	94
7) 2-Methylnaphthalene	12.308	142	1623	0.146	ng/ul	100
8) 1-Methylnaphthalene	12.522	142	1582	0.133	ng/ul	98
10) Acenaphthylene	14.194	152	4585	0.198	ng/ul#	93
11) Acenaphthene	14.532	153	9622	0.545	ng/ul	99
12) Fluorene	15.522	166	12408	0.670	ng/ul	99
15) Phenanthrene	17.257	178	174263	2.307	ng/ul	97
16) Anthracene	17.350	178	22139	0.338	ng/ul	97
19) Fluoranthene	19.273	202	299902	4.990	ng/ul	99
20) Pyrene	19.640	202	181577	2.782	ng/ul	98
21) Benzo(a)anthracene	21.390	228	129735	2.753	ng/ul	99
22) Chrysene	21.442	228	141553	2.639	ng/ul	99
24) Benzo(b)fluoranthene	23.056	252	154845m	3.006	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	55623m	1.030	ng/ul	
26) Benzo(a)pyrene	23.670	252	21698	0.473	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.223	276	32556	0.542	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.230	278	14987	0.325	ng/ul	94
29) Benzo(g,h,i)perylene	26.985	276	1565	0.029	ng/ul#	44

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

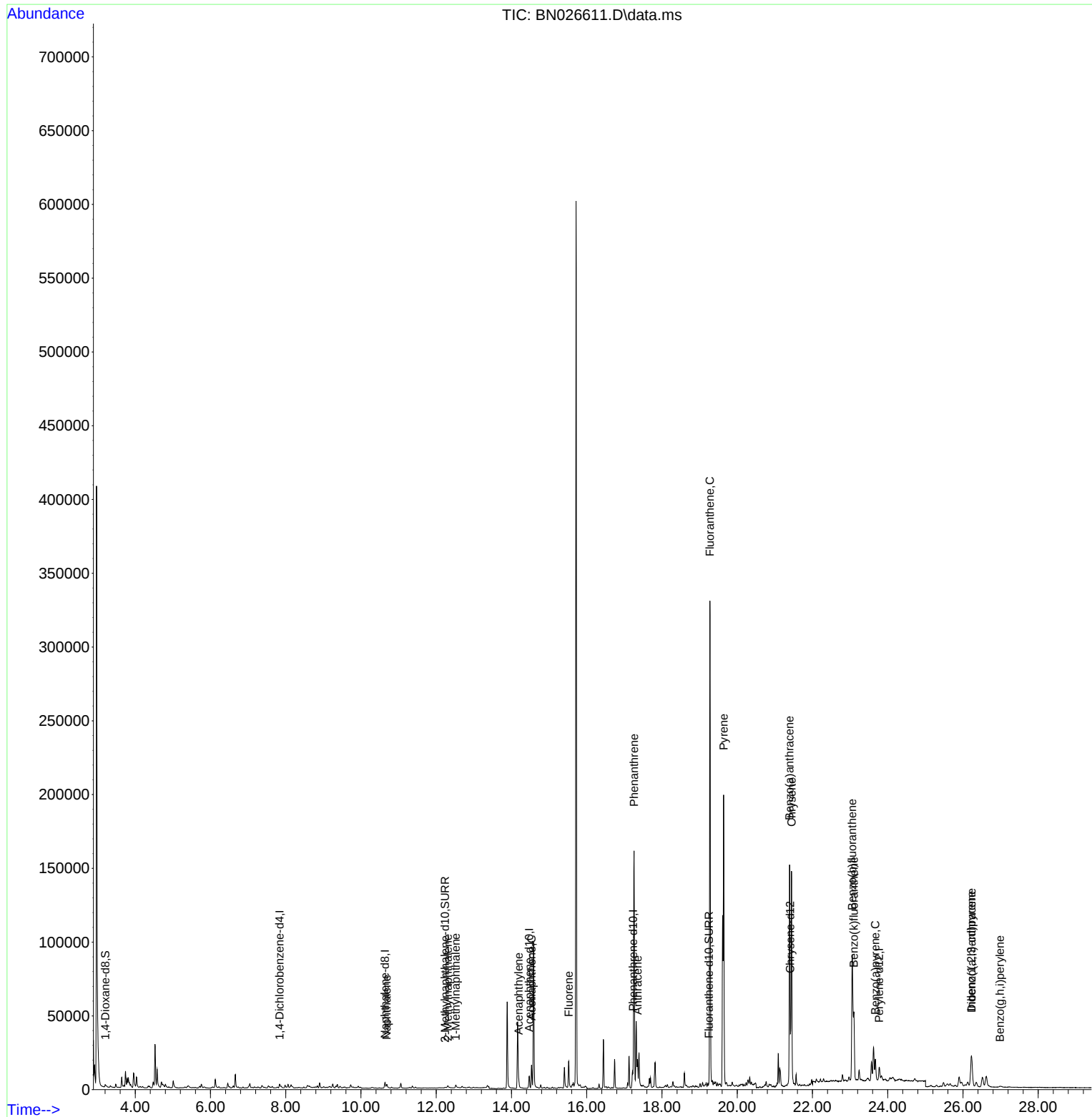
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026611.D
Acq On : 21 Jul 2023 03:31
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Sample : 03501-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

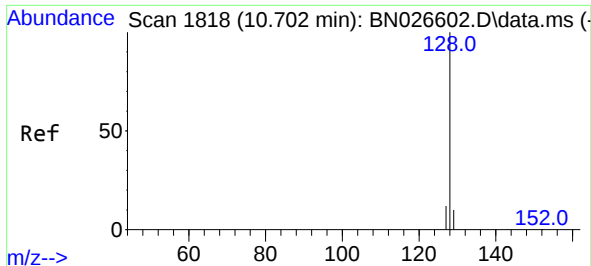
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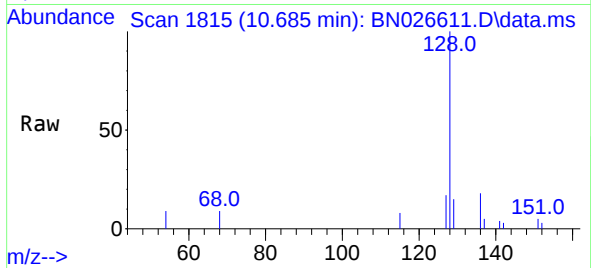
Quant Time: Jul 21 04:07:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.216 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

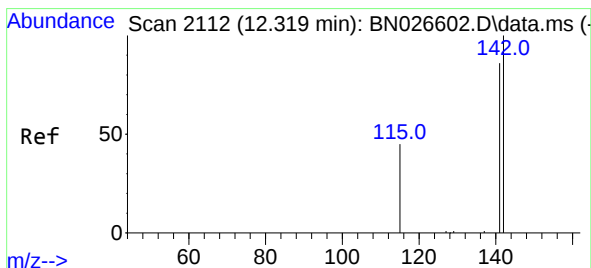
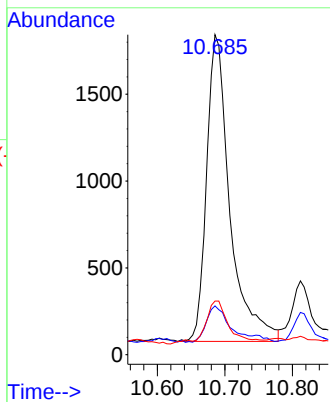
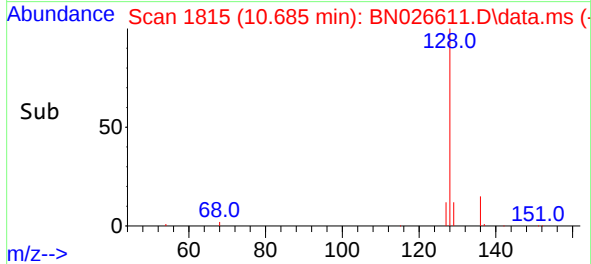
Instrument :
BNA_N
ClientSampleId :
A46W1DL



Tgt Ion:128 Resp: 4230
Ion Ratio Lower Upper
128 100
129 15.2 10.2 15.2
127 16.8 11.4 17.0

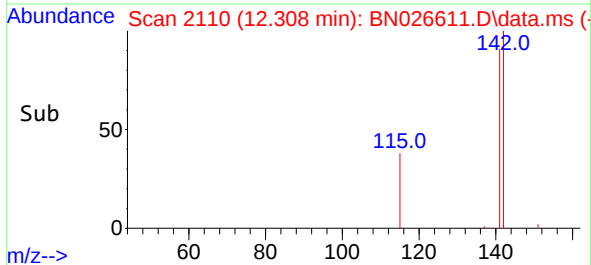
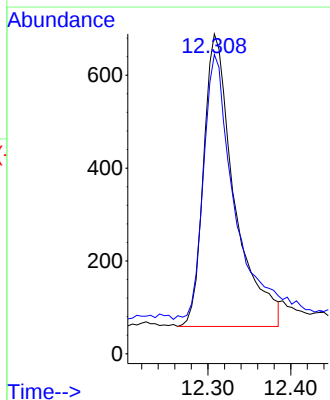
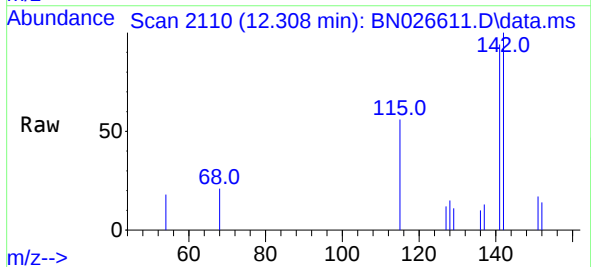
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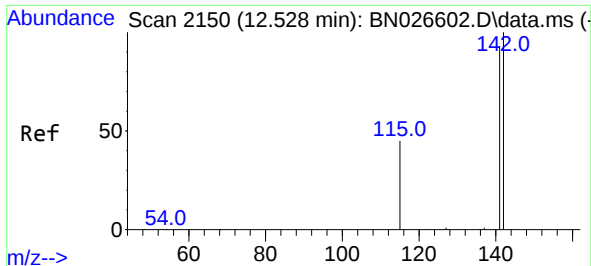
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#7
2-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

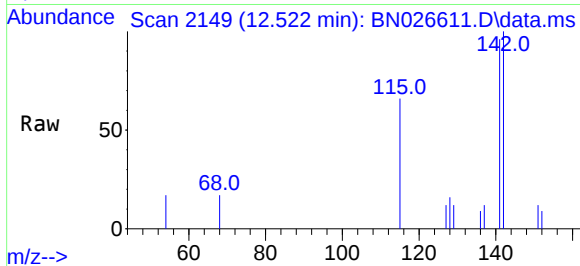
Tgt Ion:142 Resp: 1623
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.522 min Scan# 2150
Delta R.T. -0.005 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

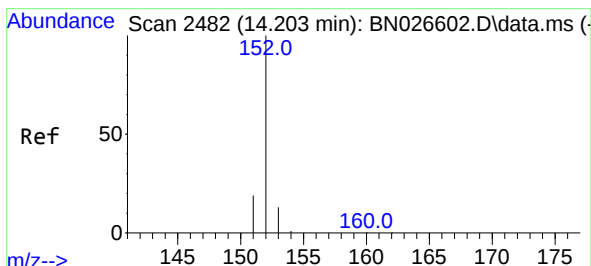
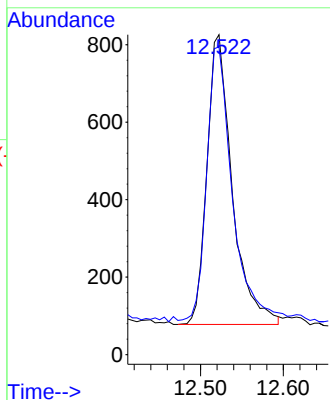
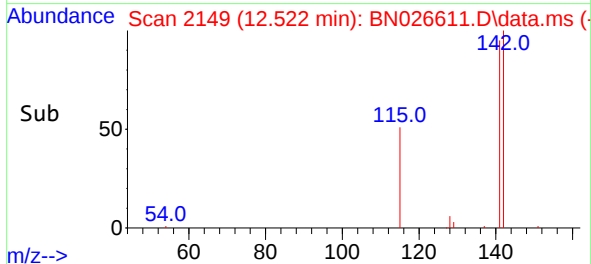
Instrument :
BNA_N
ClientSampleId :
A46W1DL



Tgt Ion:142 Resp: 1582
Ion Ratio Lower Upper
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141 94.8 74.5 111.7

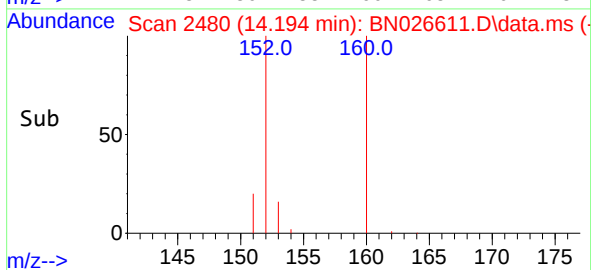
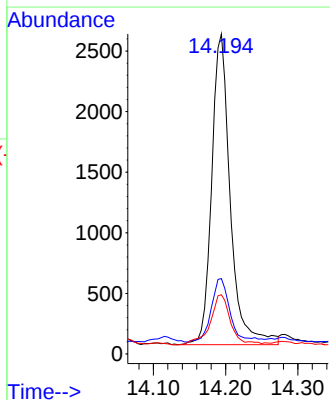
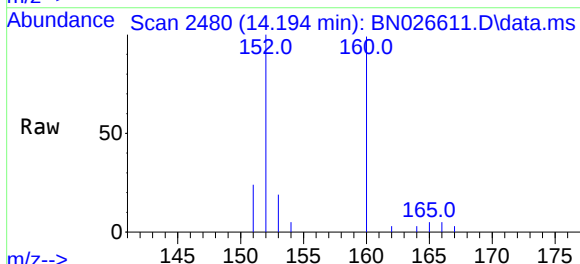
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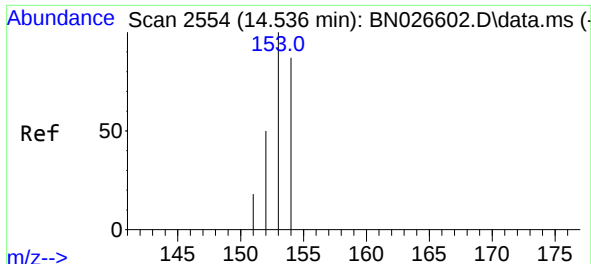
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#10
Acenaphthylene
Concen: 0.198 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

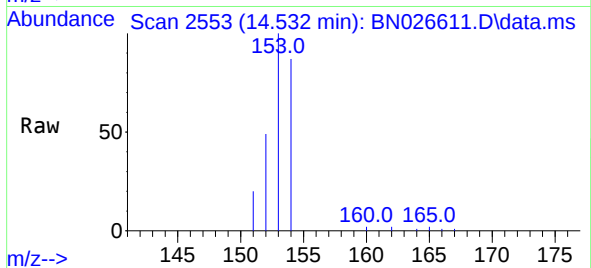
Tgt Ion:152 Resp: 4585
Ion Ratio Lower Upper
152 100
151 23.6 17.0 25.6
153 18.5 11.4 17.2#





#11
Acenaphthene
Concen: 0.545 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

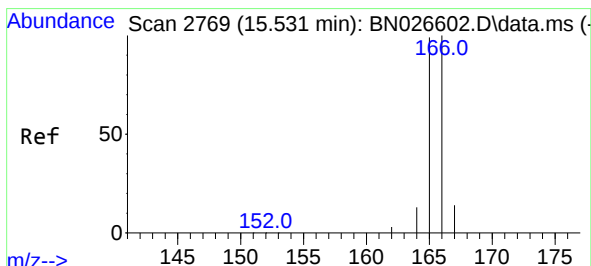
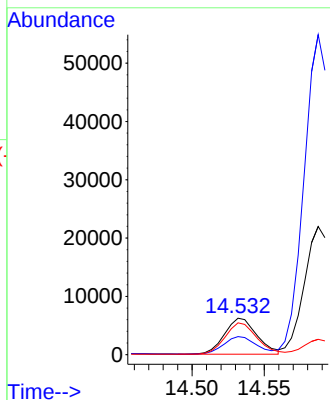
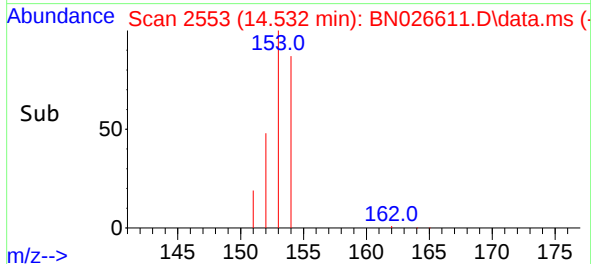
Instrument :
BNA_N
ClientSampleId :
A46W1DL



Tgt Ion:153 Resp: 962
Ion Ratio Lower Upper
153 100
152 49.4 40.2 60.4
154 87.2 69.3 103.9

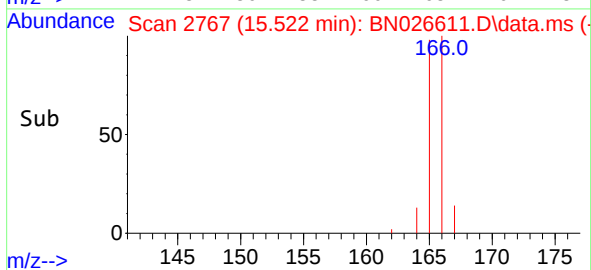
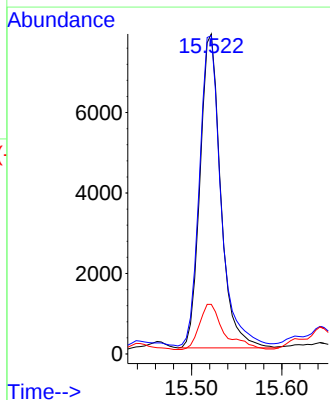
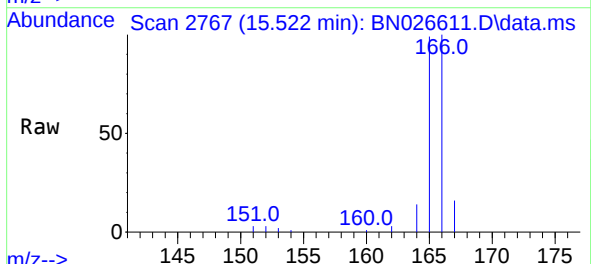
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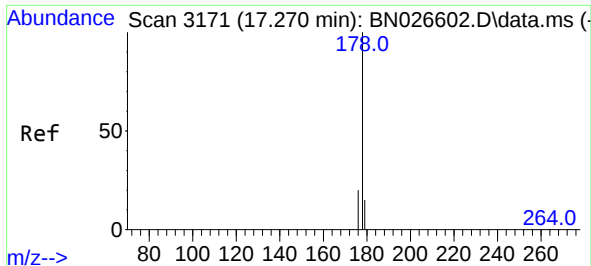
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.670 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

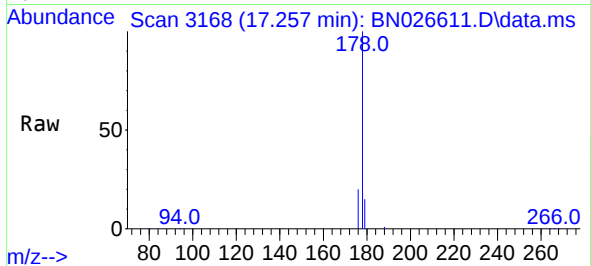
Tgt Ion:166 Resp: 12408
Ion Ratio Lower Upper
166 100
165 99.5 80.6 120.8
167 15.5 12.0 18.0





#15
Phenanthrene
Concen: 2.307 ng/u1
RT: 17.257 min Scan# 3171
Delta R.T. -0.013 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

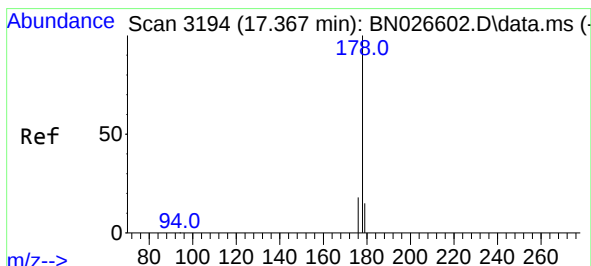
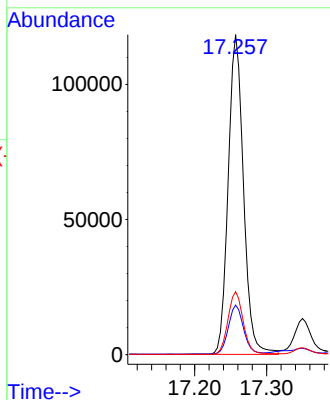
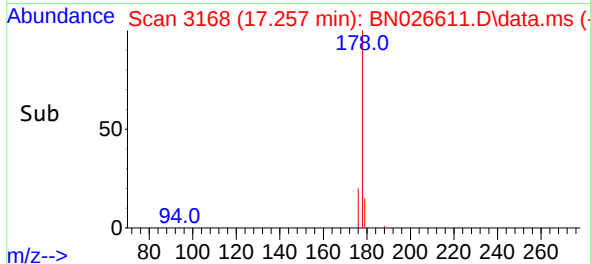
Instrument :
BNA_N
ClientSampleId :
A46W1DL



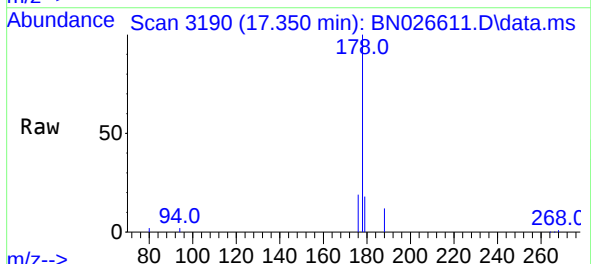
Tgt Ion:178 Resp: 17426
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.7 16.5 24.7

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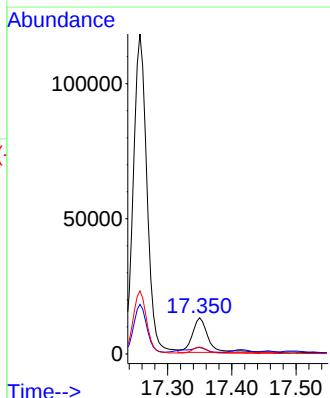
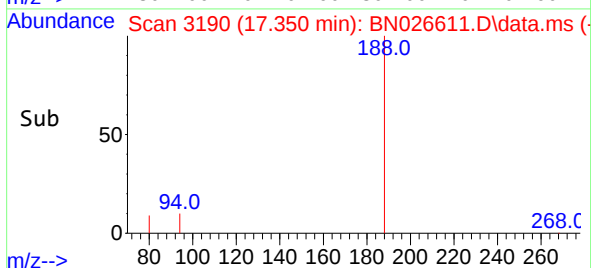
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

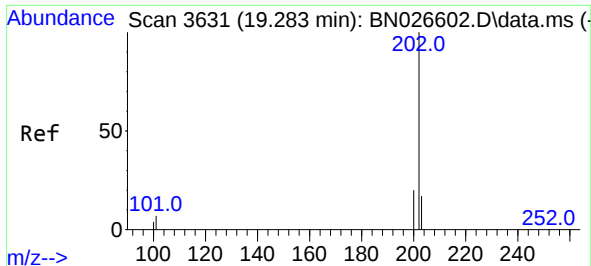


#16
Anthracene
Concen: 0.338 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31



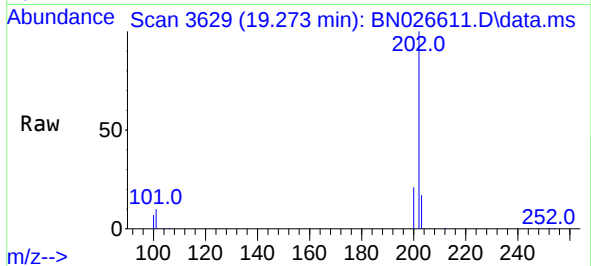
Tgt Ion:178 Resp: 22139
Ion Ratio Lower Upper
178 100
179 17.7 14.8 22.2
176 19.2 16.6 25.0





#19
Fluoranthene
Concen: 4.990 ng/u1
RT: 19.273 min Scan# 3629
Delta R.T. -0.010 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

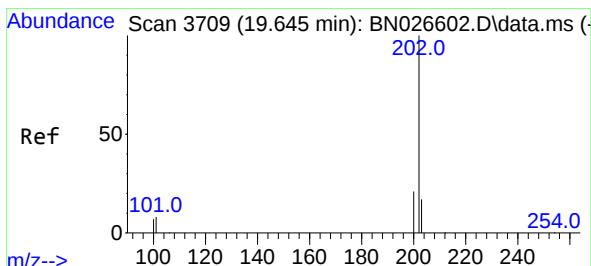
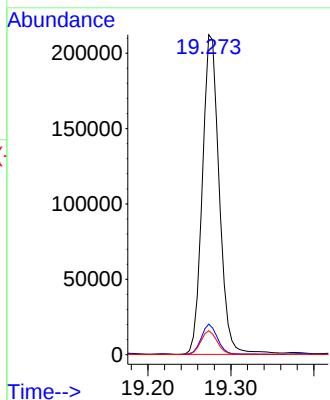
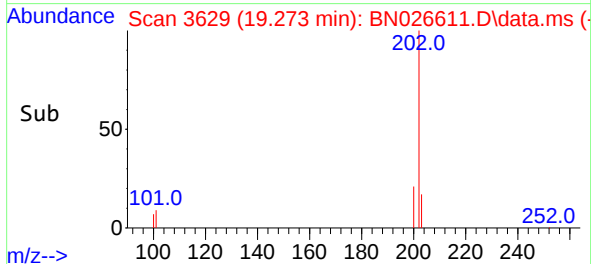
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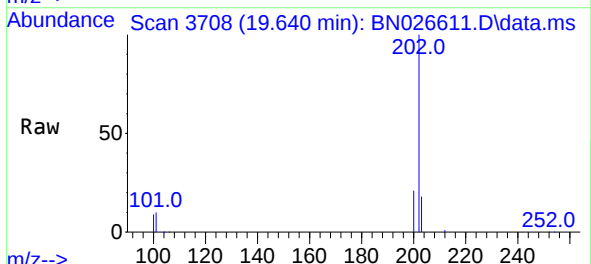
Tgt Ion:202 Resp: 299902
Ion Ratio Lower Upper
202 100
101 9.5 7.0 10.4
100 7.5 6.0 9.0

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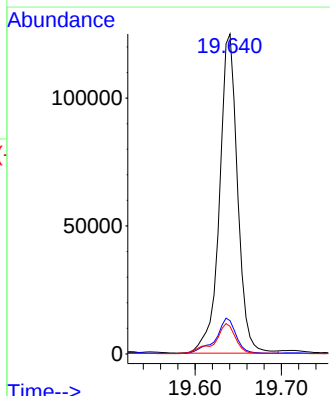
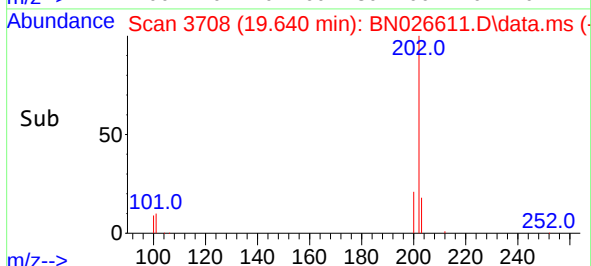
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

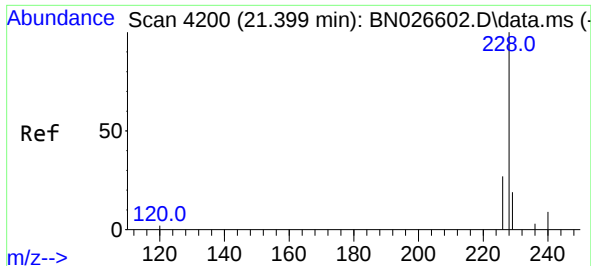


#20
Pyrene
Concen: 2.782 ng/u1
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31



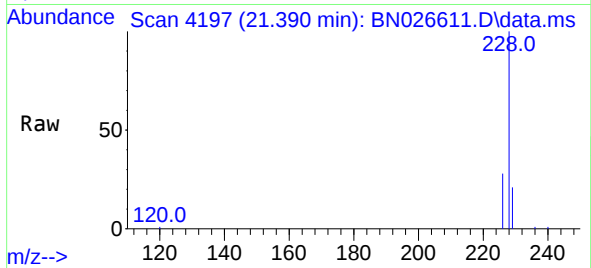
Tgt Ion:202 Resp: 181577
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 8.6 6.2 9.2





#21
Benzo(a)anthracene
Concen: 2.753 ng/ul
RT: 21.390 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

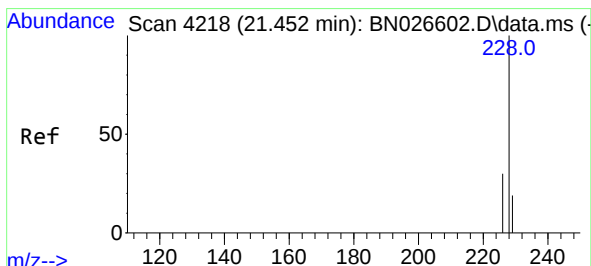
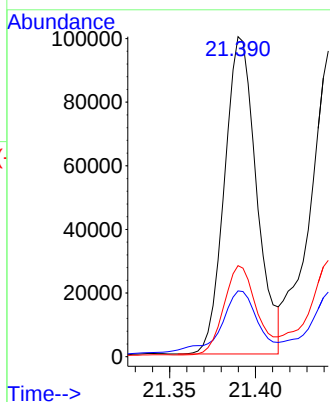
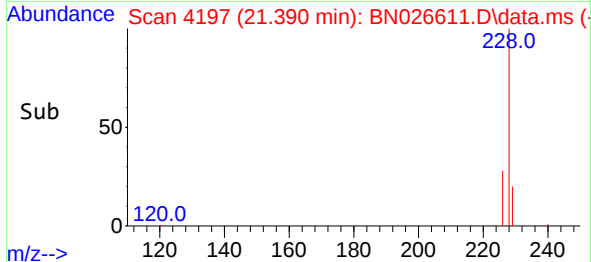
Instrument :
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Tgt Ion:228 Resp: 129735
Ion Ratio Lower Upper
228 100
229 20.6 16.7 25.1
226 28.5 23.5 35.3

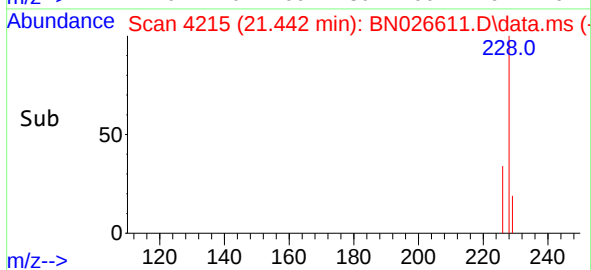
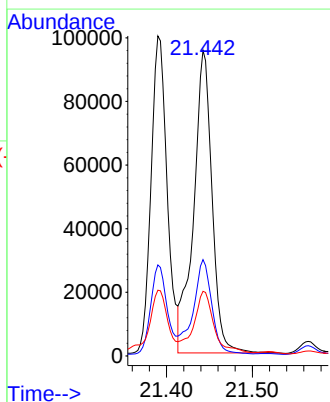
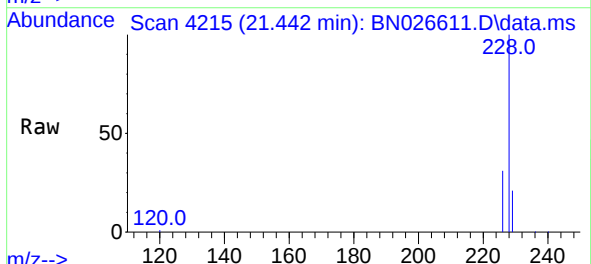
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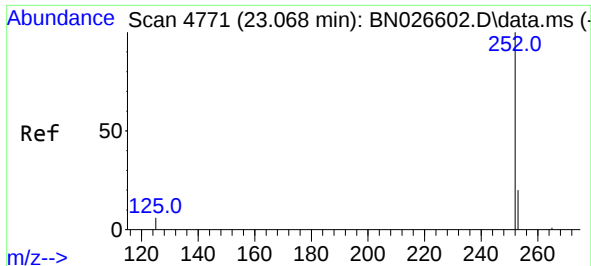
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 2.639 ng/ul
RT: 21.442 min Scan# 4215
Delta R.T. -0.009 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

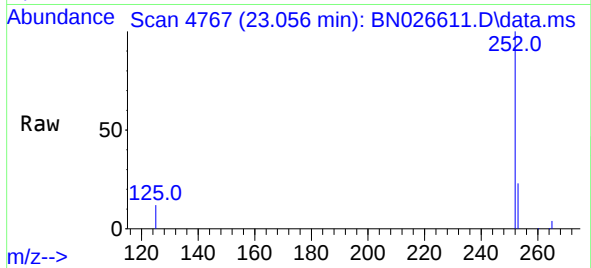
Tgt Ion:228 Resp: 141553
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.006 ng/ul m
RT: 23.056 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

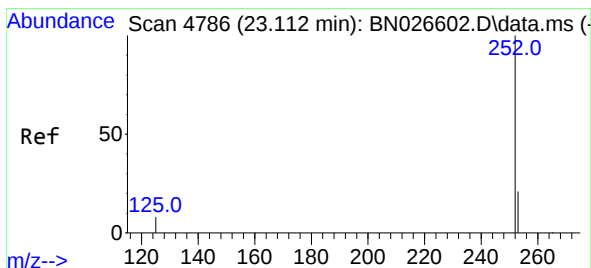
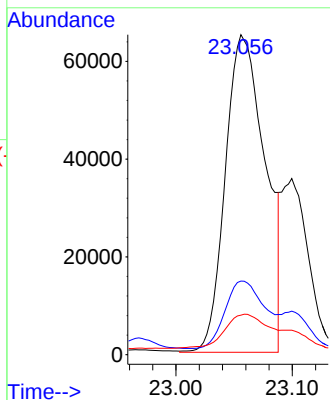
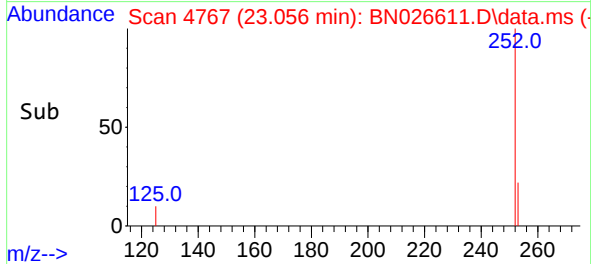
Instrument :
BNA_N
ClientSampleId :
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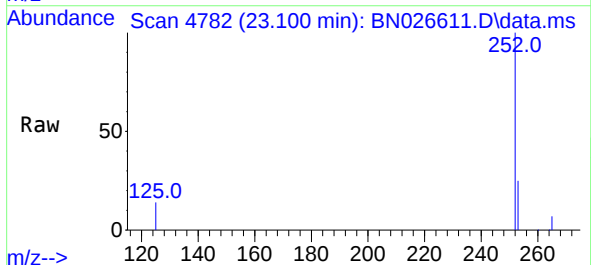
Tgt Ion:252 Resp: 15484
Ion Ratio Lower Upper
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253 23.0 0.0 68.6
125 12.4 0.0 34.0

Manual Integrations
APPROVED

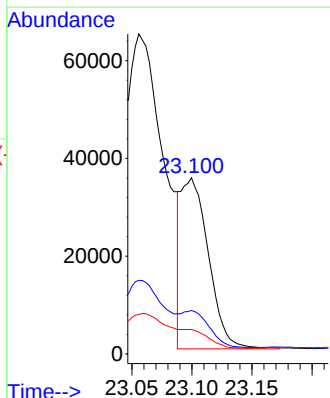
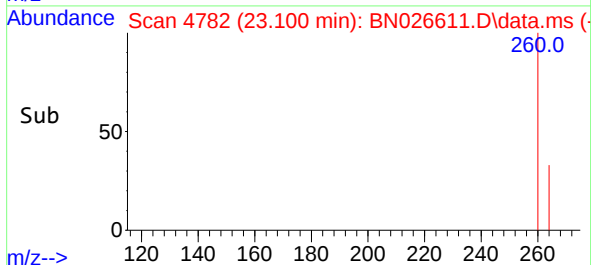
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

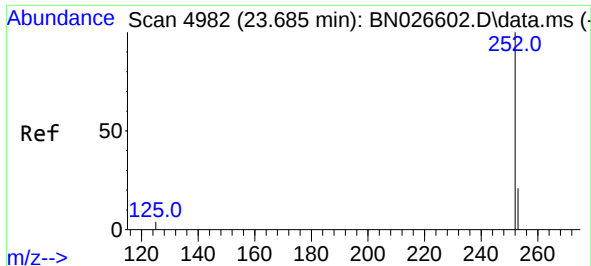


#25
Benzo(k)fluoranthene
Concen: 1.030 ng/ul m
RT: 23.100 min Scan# 4782
Delta R.T. -0.012 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31



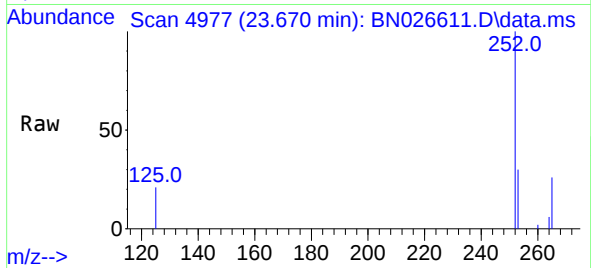
Tgt Ion:252 Resp: 55623
Ion Ratio Lower Upper
252 100
253 24.7 27.2 40.8#
125 13.9 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.473 ng/ul
RT: 23.670 min Scan# 4982
Delta R.T. -0.015 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

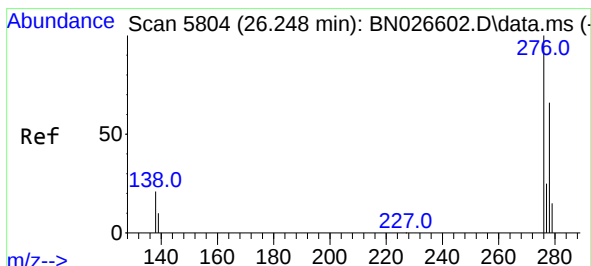
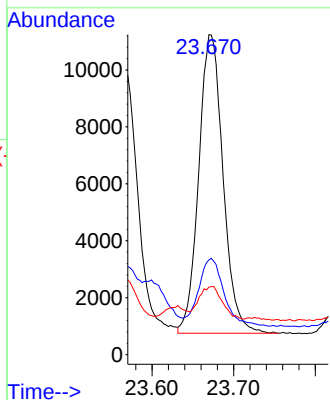
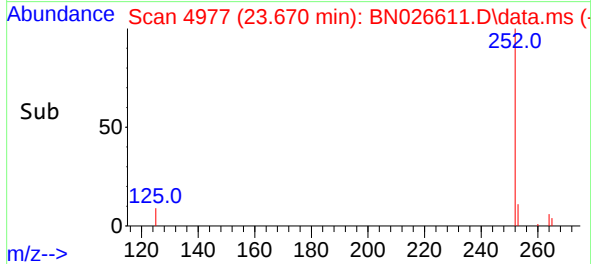
Instrument :
BNA_N
ClientSampleId :
A46W1DL



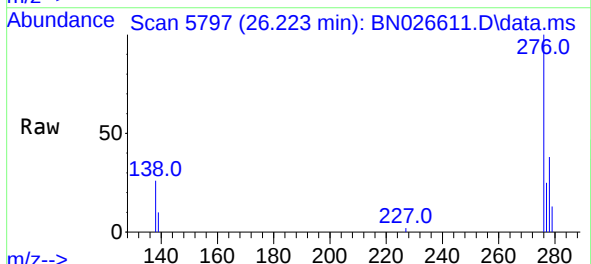
Tgt Ion:252 Resp: 21698
Ion Ratio Lower Upper
252 100
253 29.6 32.6 49.0
125 21.1 19.3 28.9

Manual Integrations
APPROVED

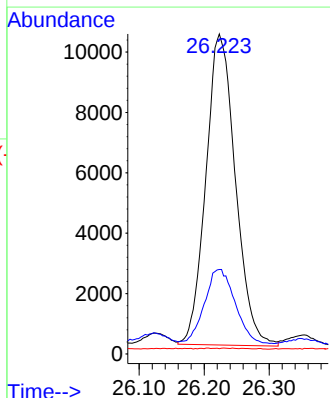
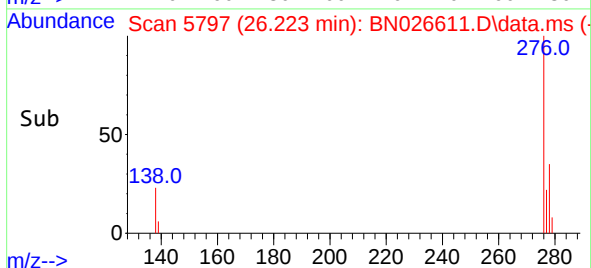
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

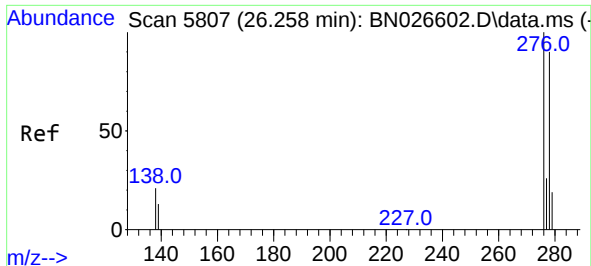


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.542 ng/ul
RT: 26.223 min Scan# 5797
Delta R.T. -0.024 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31



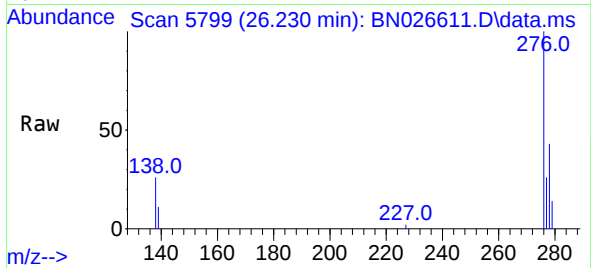
Tgt Ion:276 Resp: 32556
Ion Ratio Lower Upper
276 100
138 24.7 22.2 33.4
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.230 min Scan# 51
Delta R.T. -0.028 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31

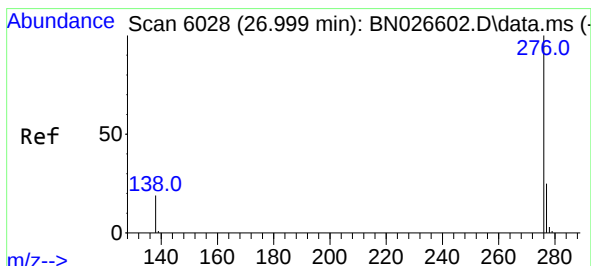
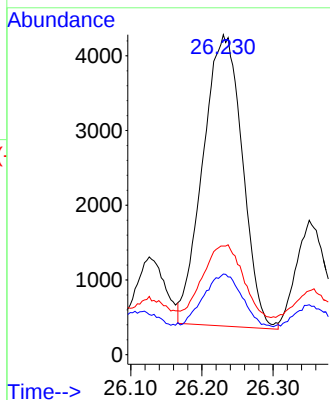
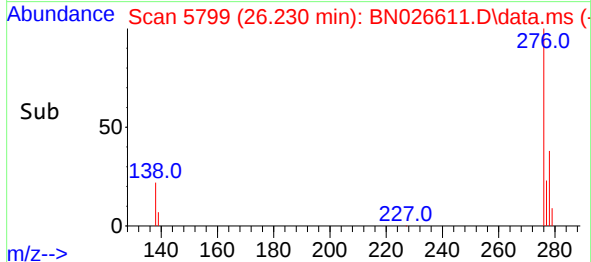
Instrument :
BNA_N
ClientSampleId :
A46W1DL



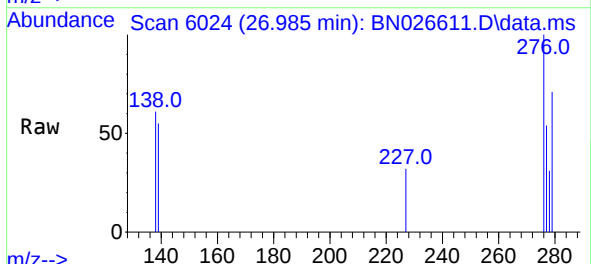
Tgt Ion:278 Resp: 1498
Ion Ratio Lower Upper
278 100
139 25.2 18.9 28.3
279 34.0 31.3 46.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.985 min Scan# 6024
Delta R.T. -0.014 min
Lab File: BN026611.D
Acq: 21 Jul 2023 03:31



Tgt Ion:276 Resp: 1565
Ion Ratio Lower Upper
276 100
138 60.9 22.6 34.0#
277 53.9 21.8 32.8#

