

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026722.D
 Acq On : 24 Jul 2023 20:12
 Operator : MA/JU
 Sample : 03504-19DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 22:04:43 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	3516	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	12502	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.467	164	7338	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	13531	0.400	ng/ul	0.00
17) Chrysene-d12	21.413	240	8102	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	9202	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2074	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	1027	0.060	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	1546	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	1564	0.046	ng/ul#	82
7) 2-Methylnaphthalene	12.302	142	888	0.046	ng/ul	97
8) 1-Methylnaphthalene	12.511	142	629	0.030	ng/ul	95
10) Acenaphthylene	14.189	152	1204	0.034	ng/ul#	79
11) Acenaphthene	14.527	153	1346	0.049	ng/ul	97
12) Fluorene	15.517	166	1958	0.068	ng/ul#	96
15) Phenanthrene	17.257	178	22417	0.520	ng/ul	98
16) Anthracene	17.350	178	2172	0.058	ng/ul#	82
19) Fluoranthene	19.278	202	28313	0.746	ng/ul	99
20) Pyrene	19.641	202	4212	0.102	ng/ul#	87
21) Benzo(a)anthracene	21.396	228	7741	0.260	ng/ul#	92
22) Chrysene	21.449	228	7612	0.225	ng/ul#	89
24) Benzo(b)fluoranthene	23.065	252	7625m	0.213	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	4272m	0.114	ng/ul	
28) Dibenzo(a,h)anthracene	26.244	278	1175	0.037	ng/ul#	1

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

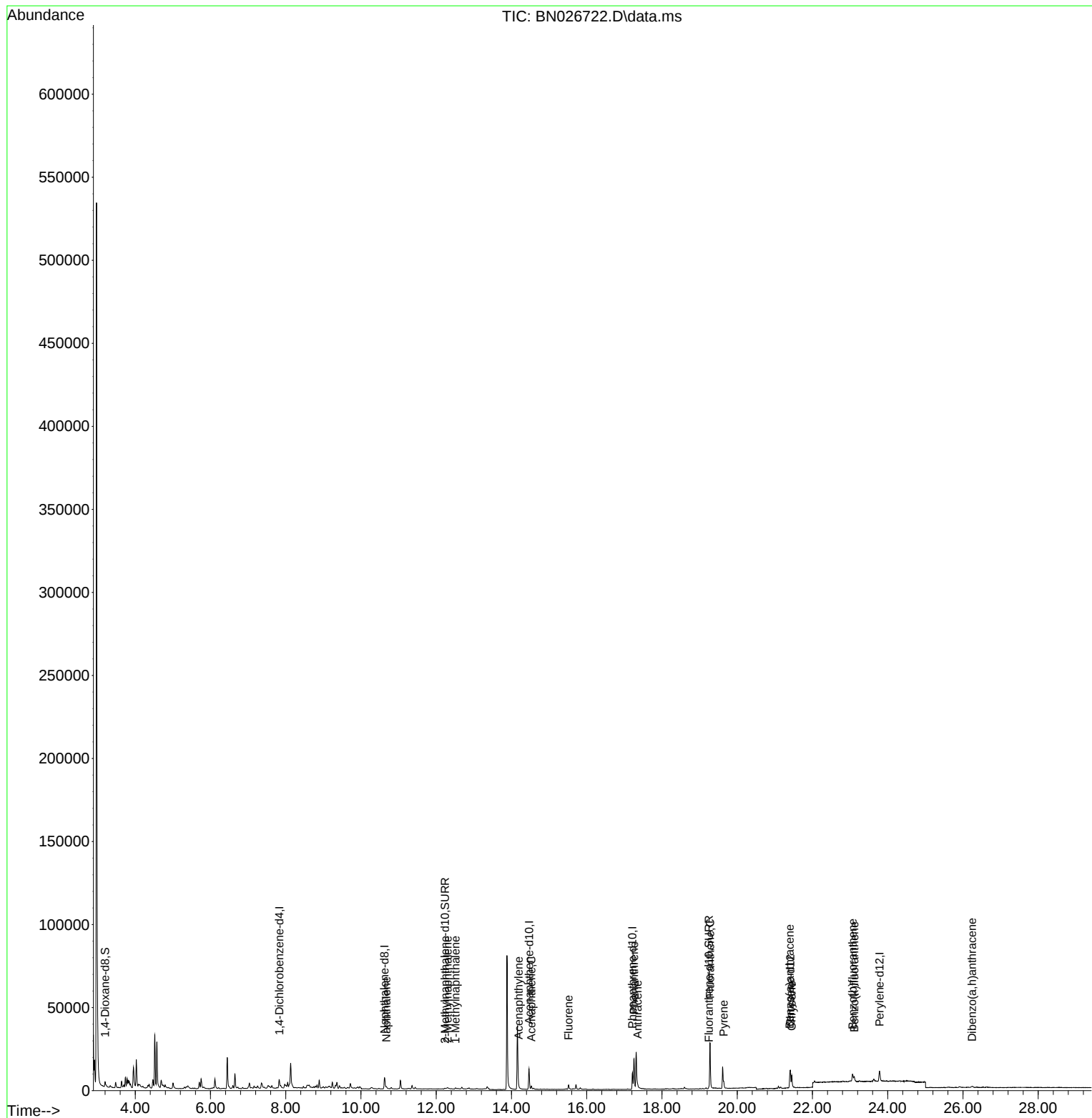
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026722.D
Acq On : 24 Jul 2023 20:12
Operator : MA/JU
Sample : 03504-19DL 5X
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ALS Vial : 57 Sample Multiplier: 1

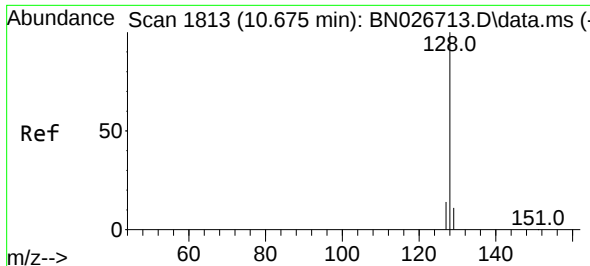
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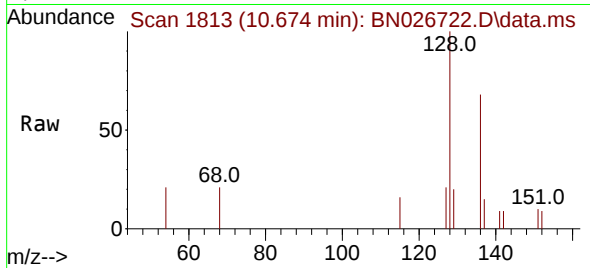
Quant Time: Jul 24 22:04:43 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

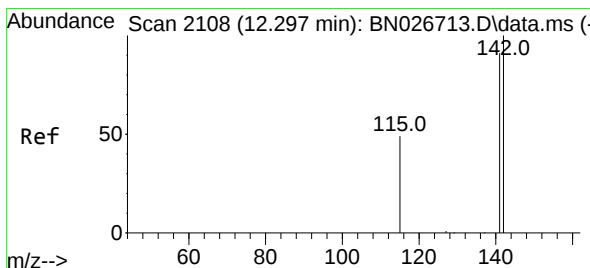
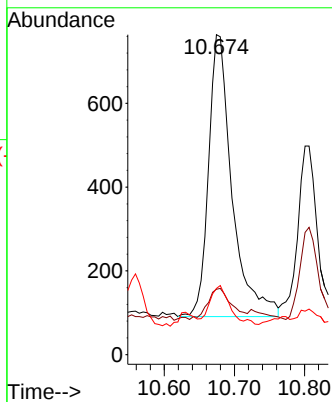
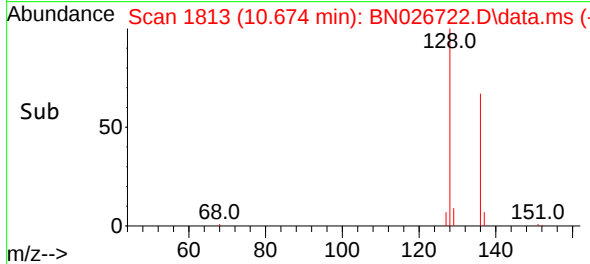
Instrument :
BNA_N
ClientSampleId :
A46T5DL



Tgt Ion:128 Resp: 1564
Ion Ratio Lower Upper
128 100
129 20.4 10.2 15.2
127 20.7 11.4 17.0

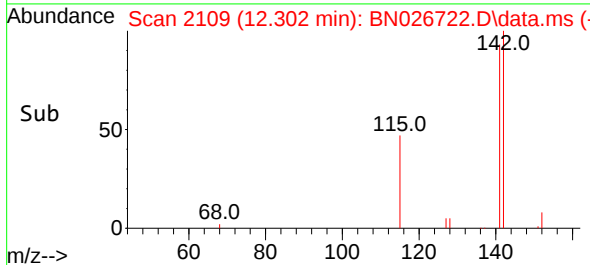
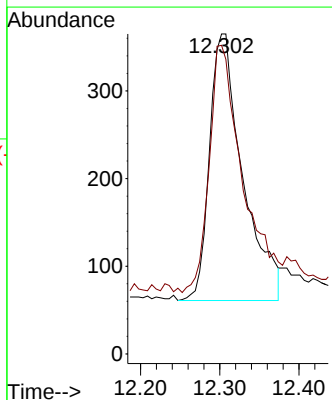
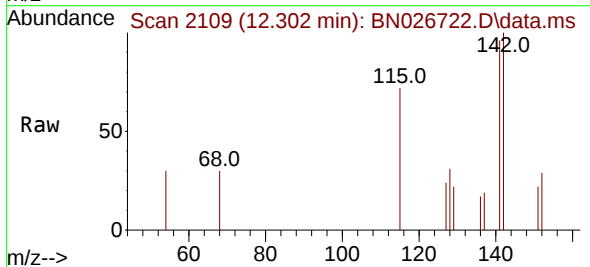
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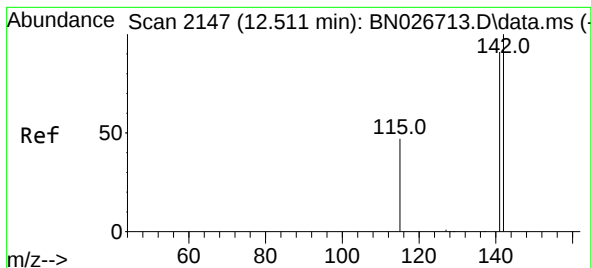
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. 0.005 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

Tgt Ion:142 Resp: 888
Ion Ratio Lower Upper
142 100
141 92.9 72.3 108.5





#8

1-Methylnaphthalene

Concen: 0.030 ng/uI

RT: 12.511 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BN026722.D

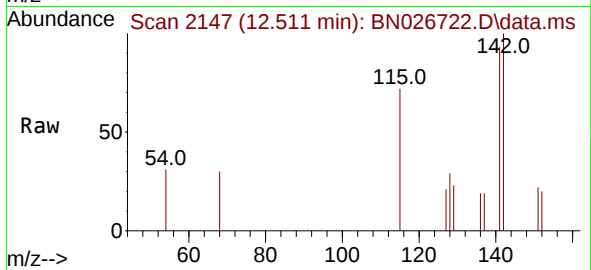
Acq: 24 Jul 2023 20:12

Instrument :

BNA_N

ClientSampleId :

A46T5DL



Tgt Ion:142 Resp: 629

Ion Ratio Lower Upper

142 100

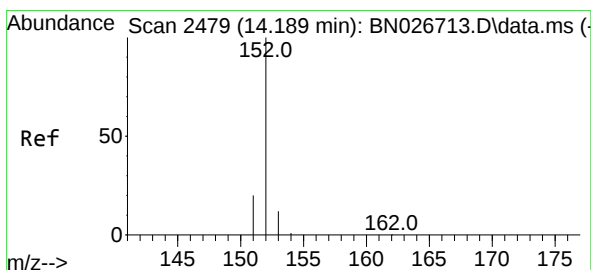
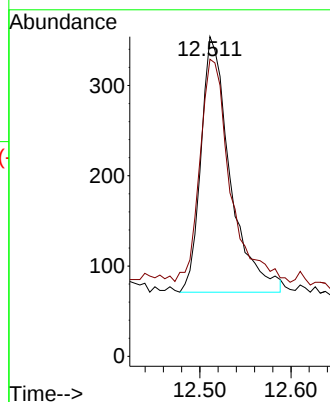
141 88.7 74.5 111.7

Manual Integrations

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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#10

Acenaphthylene

Concen: 0.034 ng/uI

RT: 14.189 min Scan# 2479

Delta R.T. -0.000 min

Lab File: BN026722.D

Acq: 24 Jul 2023 20:12

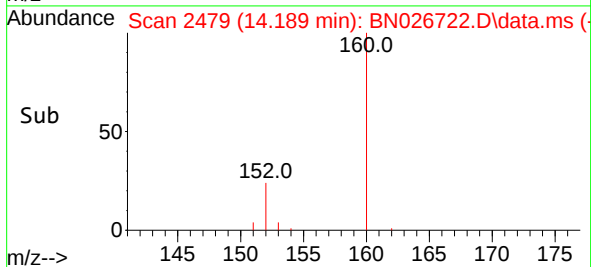
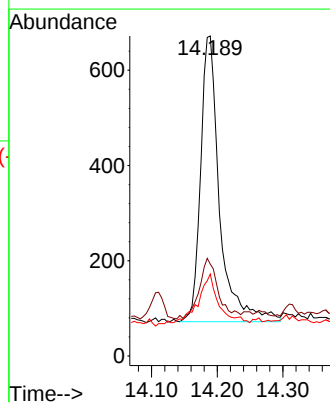
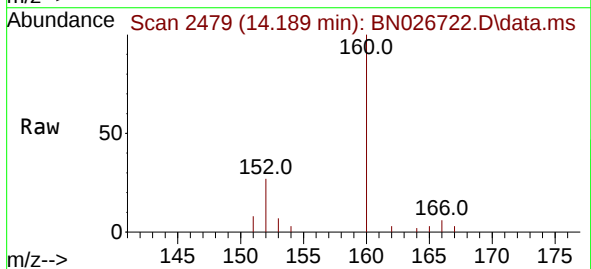
Tgt Ion:152 Resp: 1204

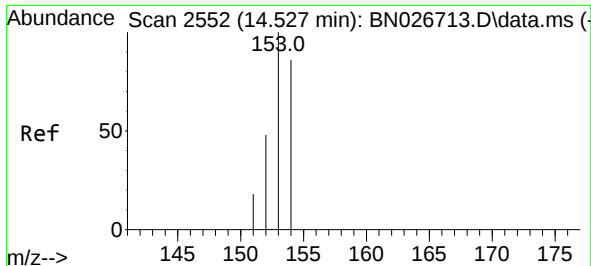
Ion Ratio Lower Upper

152 100

151 28.7 17.0 25.6#

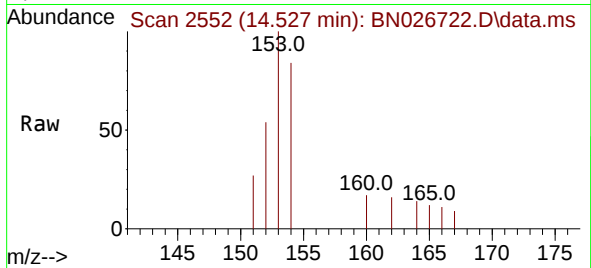
153 25.6 11.4 17.2#





#11
Acenaphthene
Concen: 0.049 ng/u1
RT: 14.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

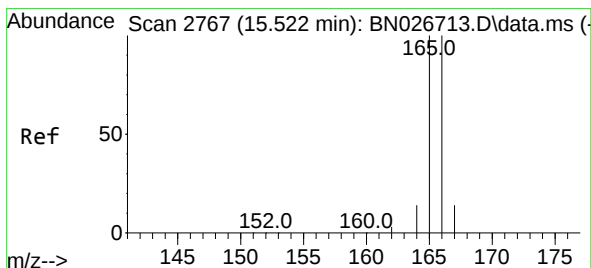
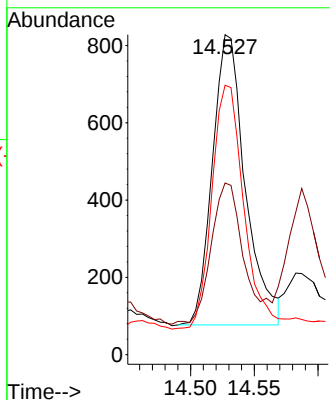
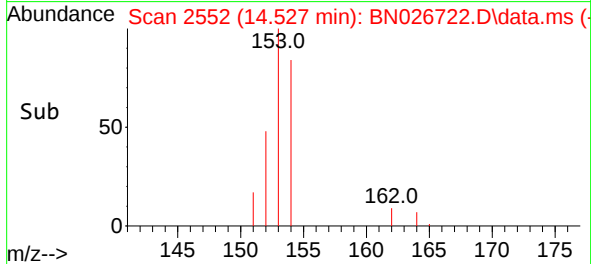
Instrument :
BNA_N
ClientSampleId :
A46T5DL



Tgt Ion:153 Resp: 1340
Ion Ratio Lower Upper
153 100
152 53.6 40.2 60.4
154 84.2 69.3 103.9

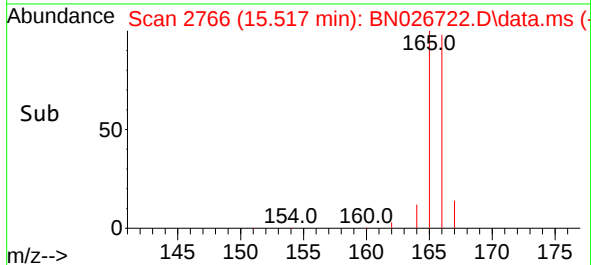
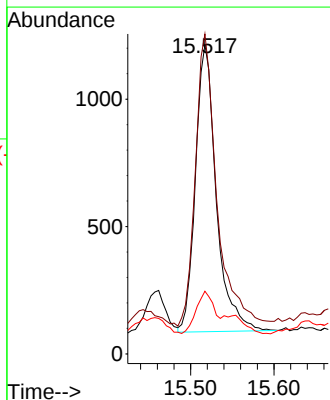
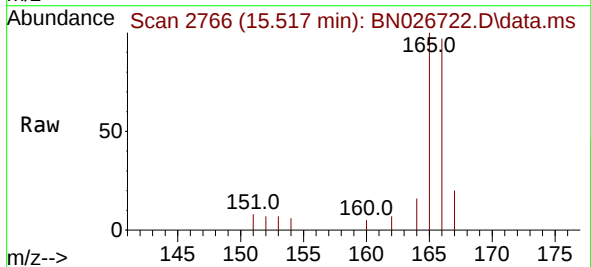
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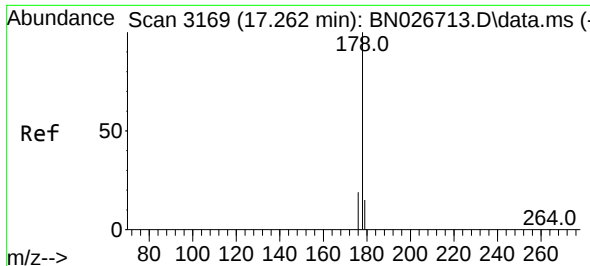
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.068 ng/u1
RT: 15.517 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

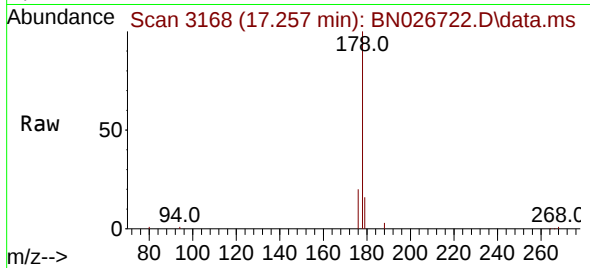
Tgt Ion:166 Resp: 1958
Ion Ratio Lower Upper
166 100
165 103.5 80.6 120.8
167 20.3 12.0 18.0#





#15
Phenanthrene
Concen: 0.520 ng/u1
RT: 17.257 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

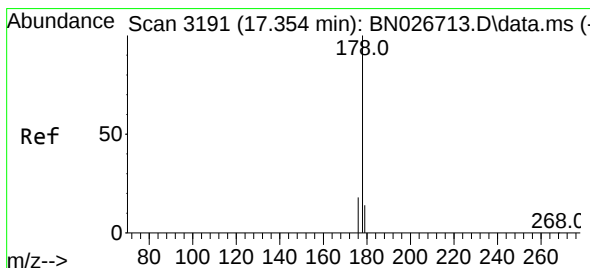
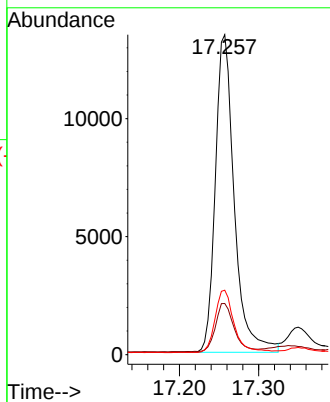
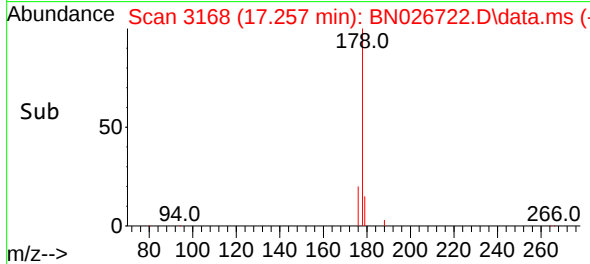
Instrument :
BNA_N
ClientSampleId :
A46T5DL



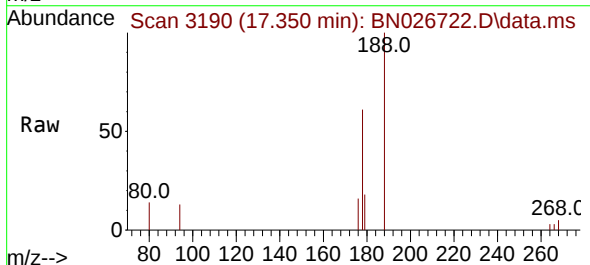
Tgt Ion:178 Resp: 2241
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 20.1 16.5 24.7

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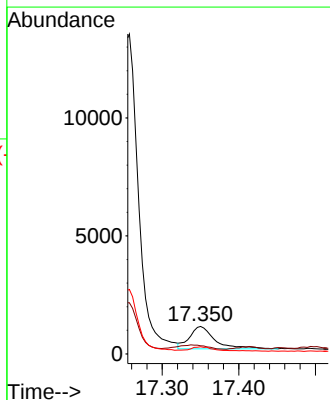
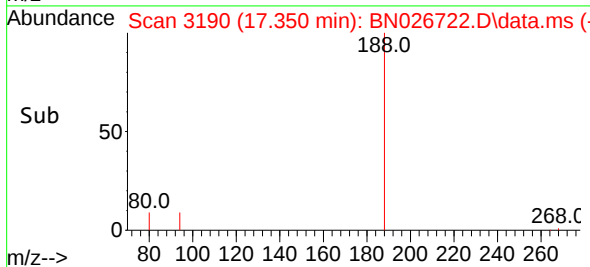
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

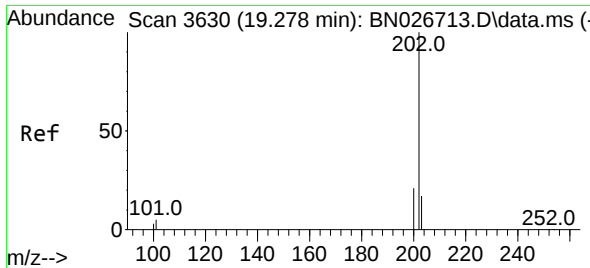


#16
Anthracene
Concen: 0.058 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12



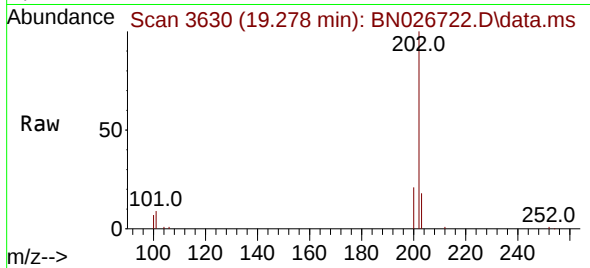
Tgt Ion:178 Resp: 2172
Ion Ratio Lower Upper
178 100
179 29.9 14.8 22.2#
176 25.9 16.6 25.0#





#19
Fluoranthene
Concen: 0.746 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

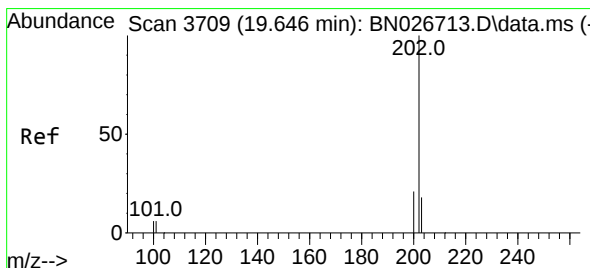
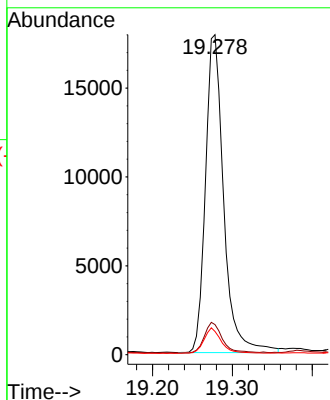
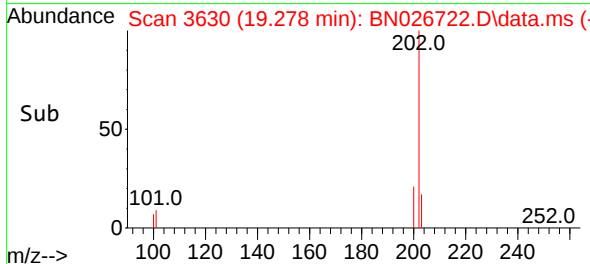
Instrument :
BNA_N
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A46T5DL



Tgt Ion:202 Resp: 2831
Ion Ratio Lower Upper
202 100
101 9.4 7.0 10.4
100 7.3 6.0 9.0

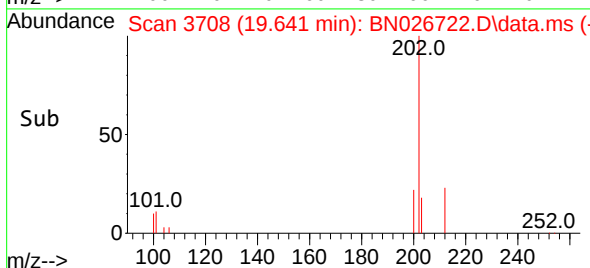
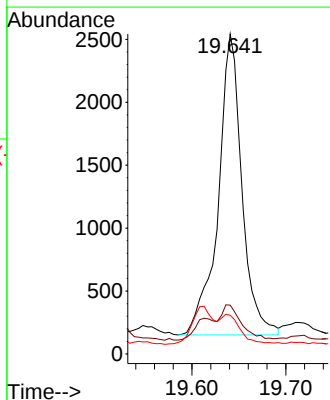
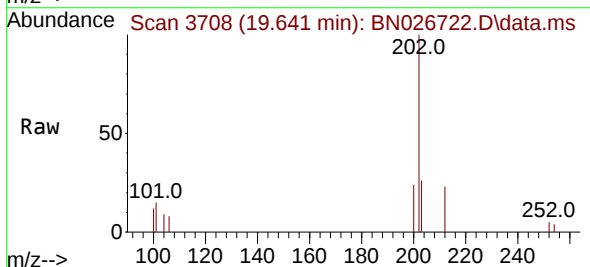
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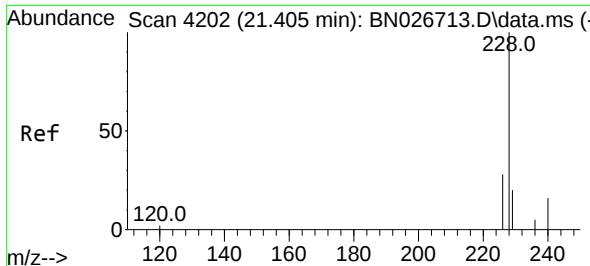
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.102 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

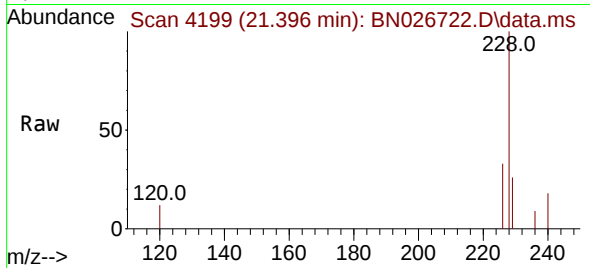
Tgt Ion:202 Resp: 4212
Ion Ratio Lower Upper
202 100
101 15.3 8.0 12.0#
100 12.1 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.396 min Scan# 4119
Delta R.T. -0.006 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

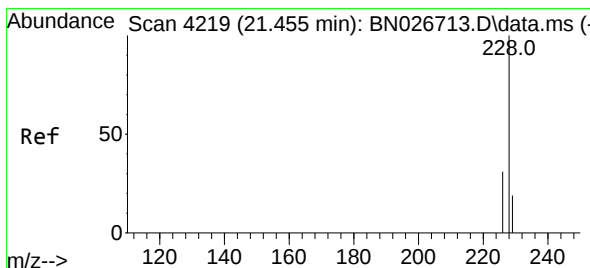
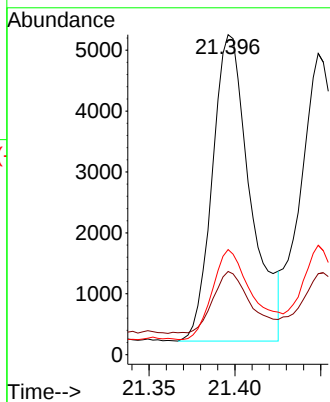
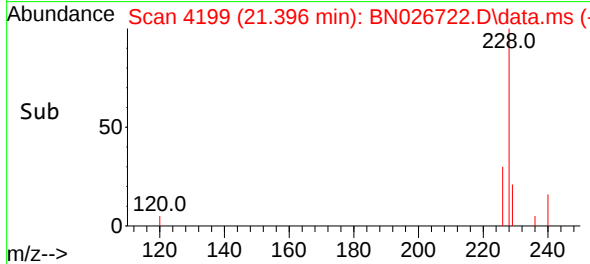
Instrument :
BNA_N
ClientSampleId :
A46T5DL



Tgt Ion:228 Resp: 774
Ion Ratio Lower Upper
228 100
229 26.0 16.7 25.1
226 32.8 23.5 35.3

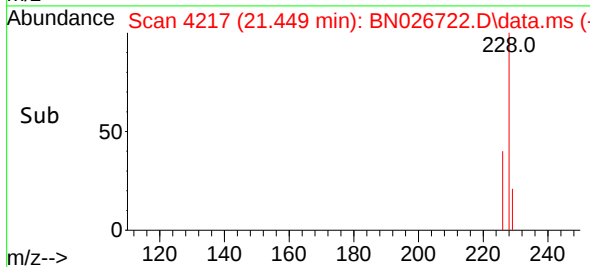
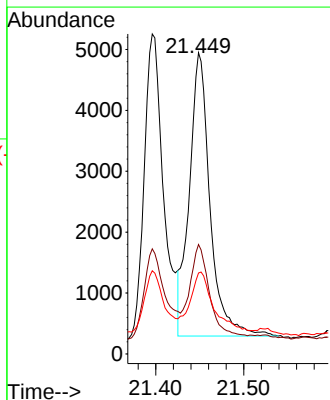
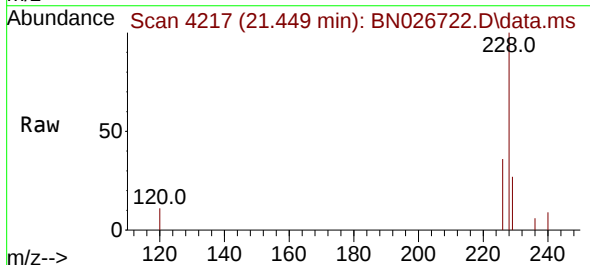
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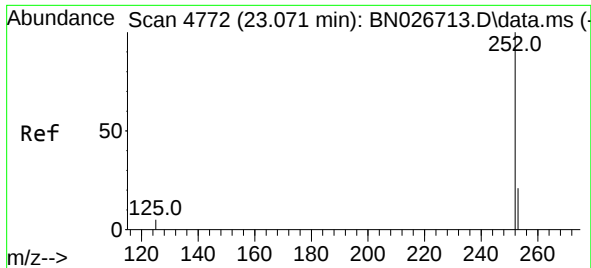
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.225 ng/ul
RT: 21.449 min Scan# 4217
Delta R.T. -0.006 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

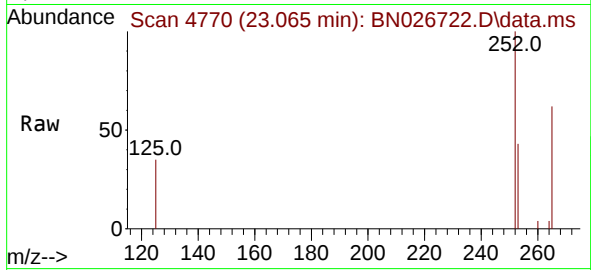
Tgt Ion:228 Resp: 7612
Ion Ratio Lower Upper
228 100
226 36.3 25.2 37.8
229 26.9 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.213 ng/ul m
RT: 23.065 min Scan# 4770
Delta R.T. -0.003 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12

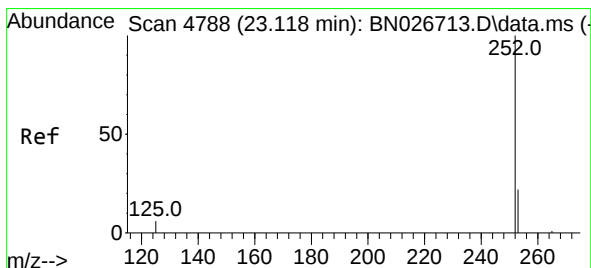
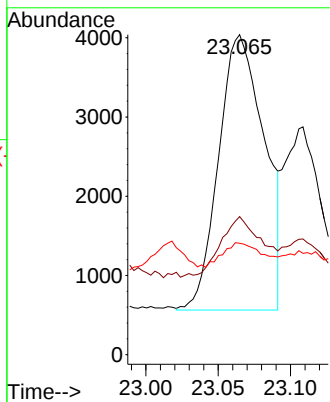
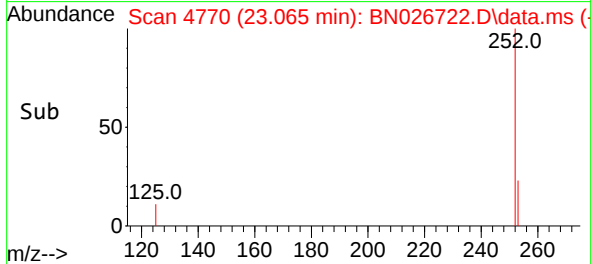
Instrument :
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A46T5DL



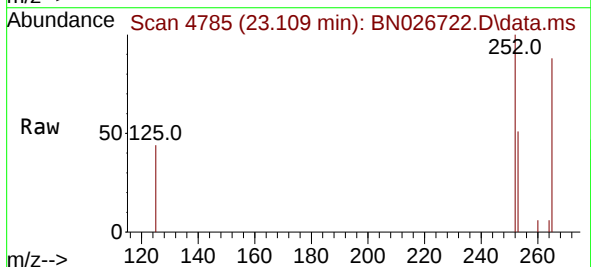
Tgt Ion:252 Resp: 762
Ion Ratio Lower Upper
252 100
253 43.1 0.0 68.6
125 34.8 0.0 34.0

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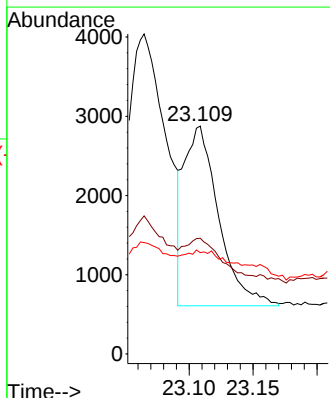
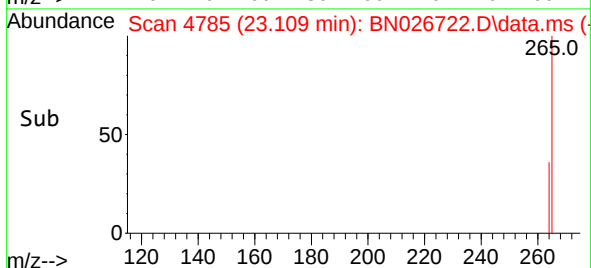
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

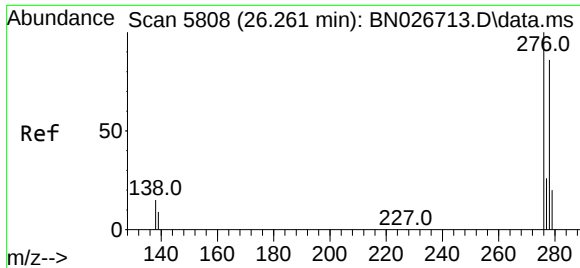


#25
Benzo(k)fluoranthene
Concen: 0.114 ng/ul m
RT: 23.109 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BN026722.D
Acq: 24 Jul 2023 20:12



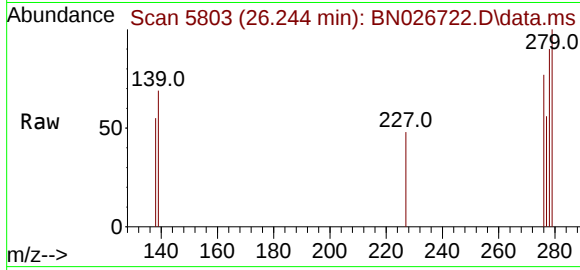
Tgt Ion:252 Resp: 4272
Ion Ratio Lower Upper
252 100
253 50.8 27.2 40.8#
125 44.5 13.4 20.2#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.037 ng/ul
 RT: 26.244 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BN026722.D
 Acq: 24 Jul 2023 20:12

Instrument :
 BNA_N
 ClientSampleId :
 A46T5DL



Tgt Ion: 278 Resp: 1175

Ion	Ratio	Lower	Upper
278	100		
139	76.9	18.9	28.3
279	110.6	31.3	46.9

Manual Integrations
 APPROVED

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

