

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026720.D
 Acq On : 24 Jul 2023 18:57
 Operator : MA/JU
 Sample : 03504-15DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46S1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 21:59:25 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	7.828	152	3324	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	11648	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.467	164	5579	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	11607	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	8699	0.400	ng/ul	# 0.00
23) Perylene-d12	23.778	264	9611	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1626	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	702	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.241	212	1859	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	1991	0.062	ng/ul#	86
10) Acenaphthylene	14.185	152	17088	0.625	ng/ul	98
11) Acenaphthene	14.527	153	1071	0.051	ng/ul	94
12) Fluorene	15.517	166	4406	0.202	ng/ul	96
15) Phenanthrene	17.253	178	56044	1.516	ng/ul	98
16) Anthracene	17.346	178	21193	0.661	ng/ul	97
19) Fluoranthene	19.274	202	164578	4.036	ng/ul	99
20) Pyrene	19.641	202	50106	1.132	ng/ul	98
21) Benzo(a)anthracene	21.393	228	69587	2.177	ng/ul	99
22) Chrysene	21.446	228	52937	1.455	ng/ul	97
24) Benzo(b)fluoranthene	23.059	252	65667m	1.754	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	28858m	0.735	ng/ul	
26) Benzo(a)pyrene	23.676	252	8170	0.245	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.234	276	10795	0.247	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.238	278	8097	0.242	ng/ul#	80

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

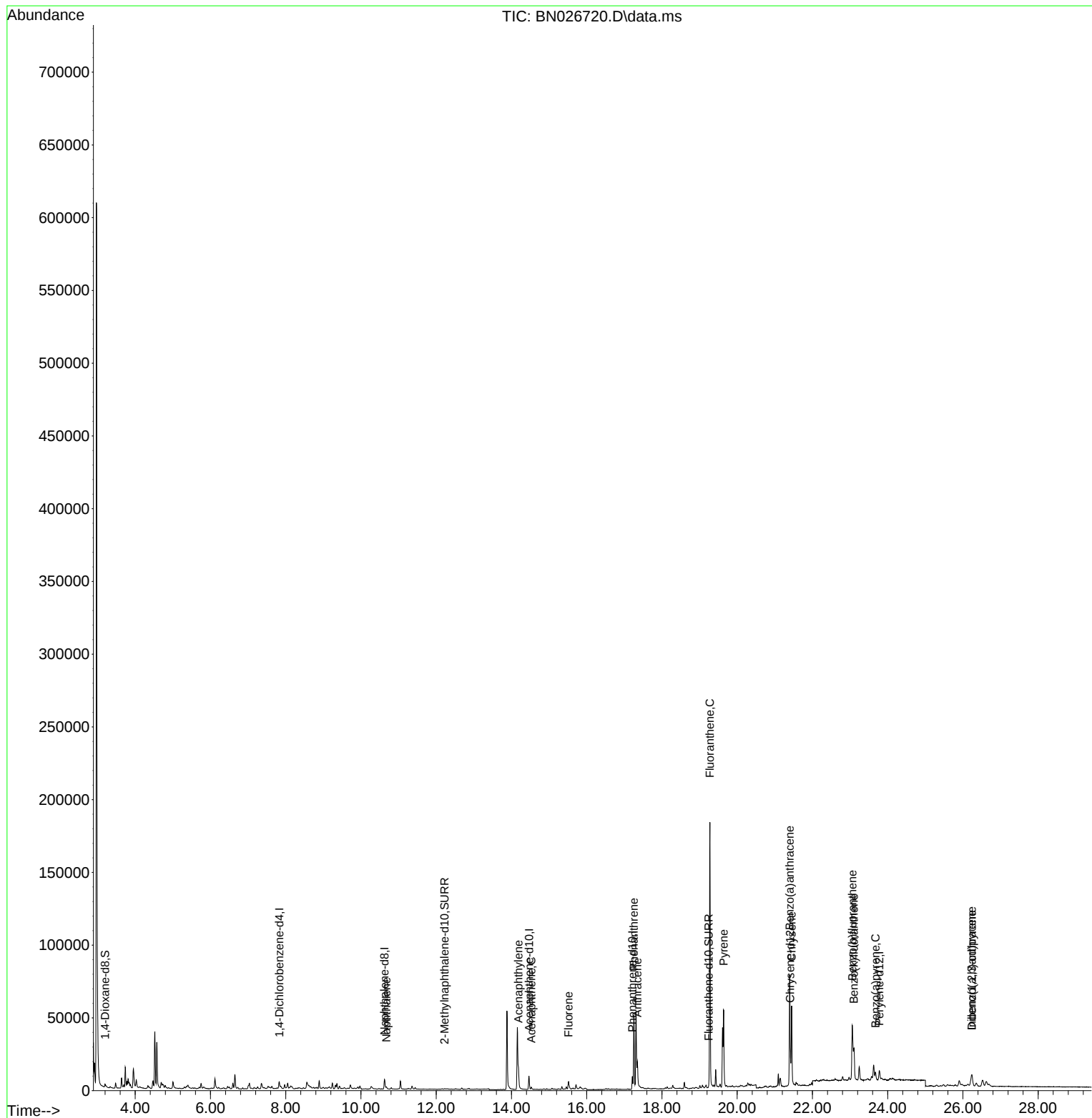
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026720.D
Acq On : 24 Jul 2023 18:57
Operator : MA/JU
Sample : 03504-15DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

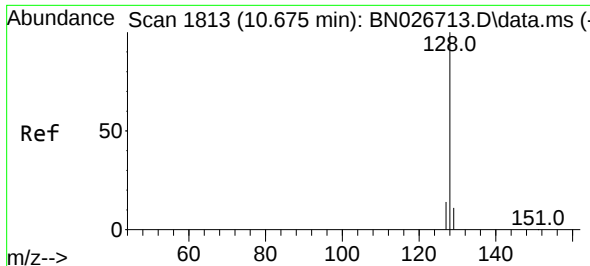
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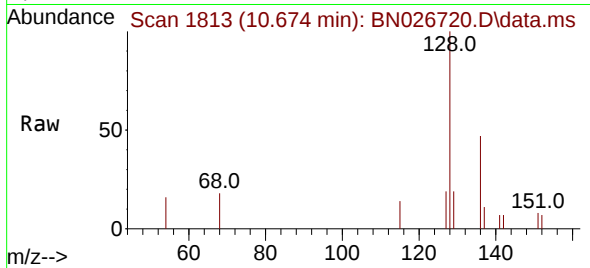
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

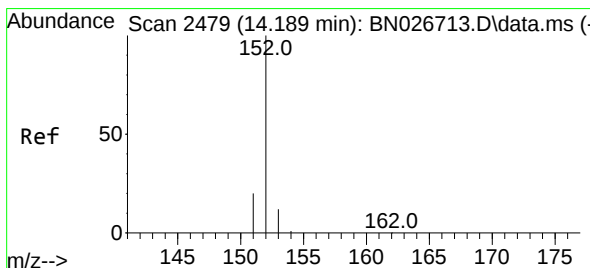
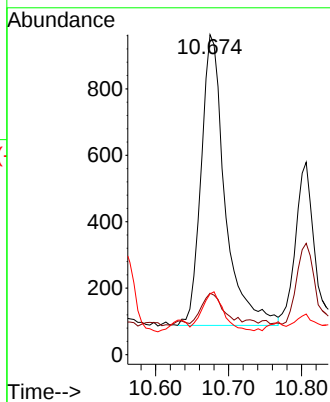
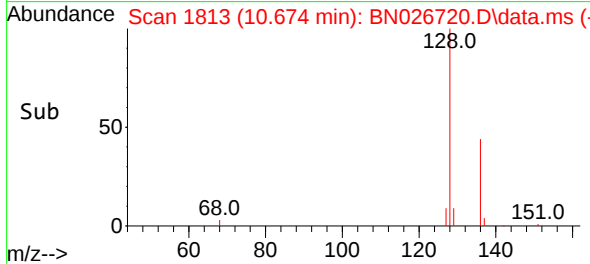
Instrument :
BNA_N
ClientSampleId :
A46S1DL



Tgt Ion:128 Resp: 199
Ion Ratio Lower Upper
128 100
129 19.2 10.2 15.2
127 19.0 11.4 17.0

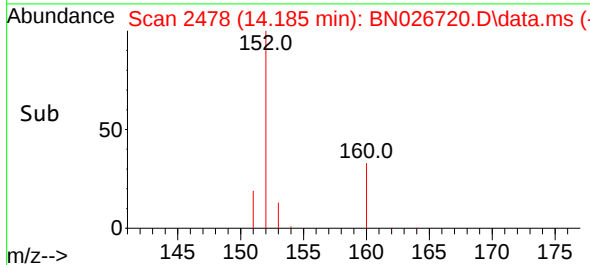
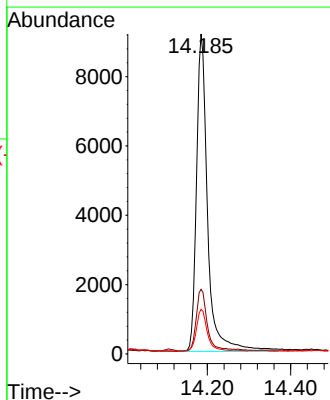
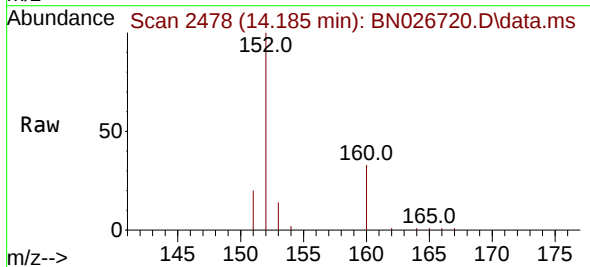
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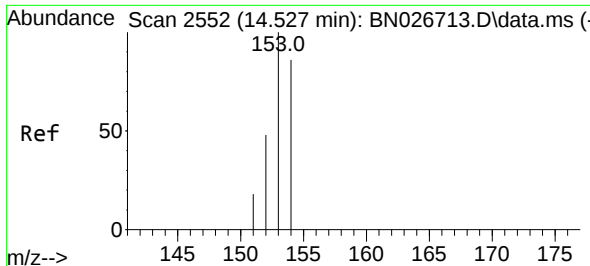
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.625 ng/ul
RT: 14.185 min Scan# 2478
Delta R.T. -0.005 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

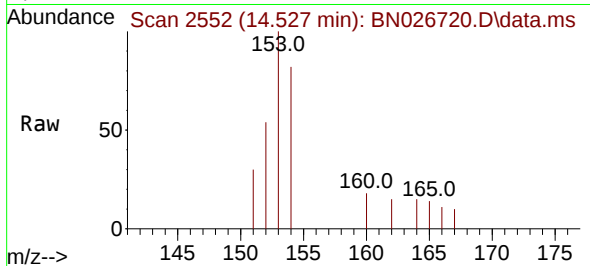
Tgt Ion:152 Resp: 17088
Ion Ratio Lower Upper
152 100
151 20.2 17.0 25.6
153 14.0 11.4 17.2





#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

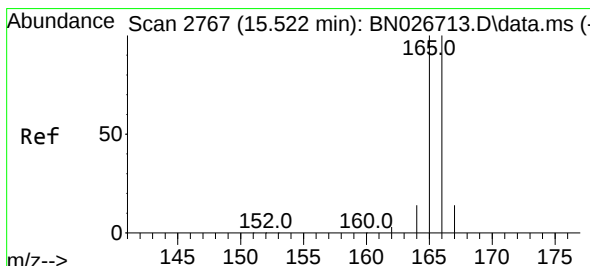
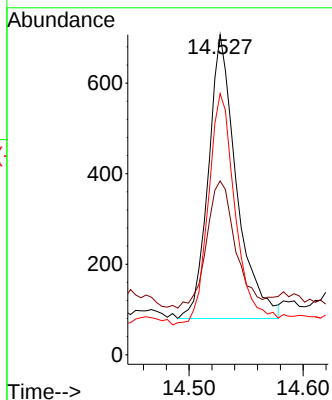
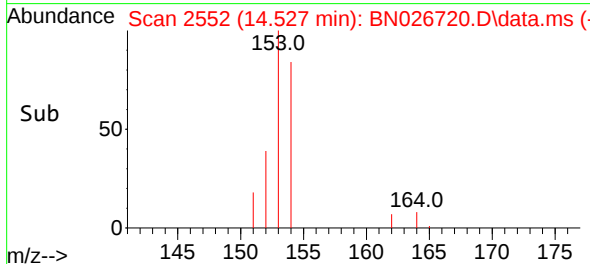
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 107
Ion Ratio Lower Upper
153 100
152 54.3 40.2 60.4
154 81.6 69.3 103.9

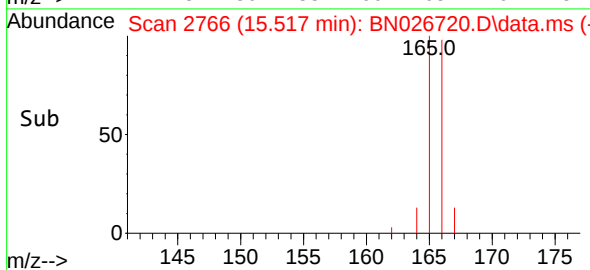
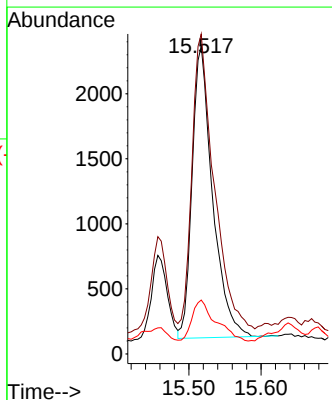
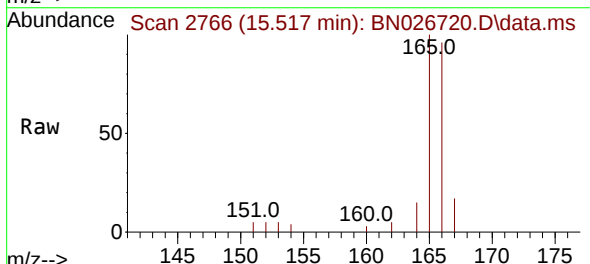
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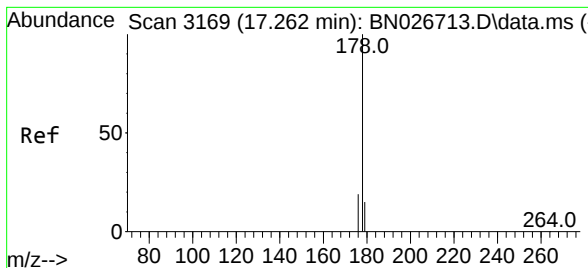
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.202 ng/u1
RT: 15.517 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

Tgt Ion:166 Resp: 4406
Ion Ratio Lower Upper
166 100
165 103.9 80.6 120.8
167 17.5 12.0 18.0





#15

Phenanthrene

Concen: 1.516 ng/uI

RT: 17.253 min Scan# 3167

Delta R.T. -0.004 min

Lab File: BN026720.D

Acq: 24 Jul 2023 18:57

Instrument :

BNA_N

ClientSampleId :

A46S1DL

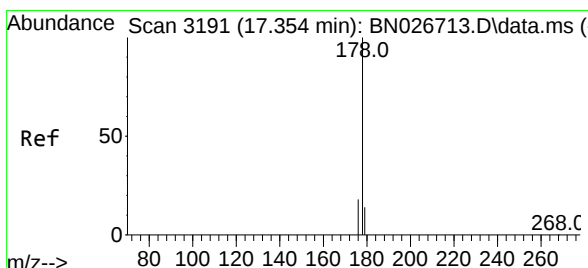
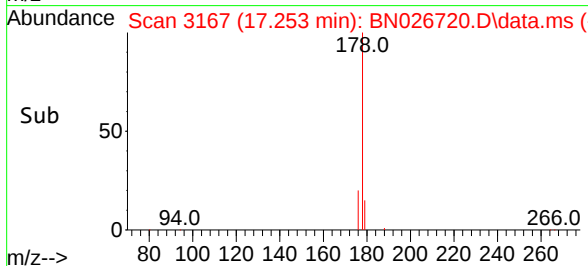
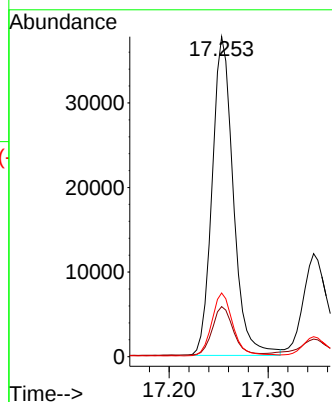
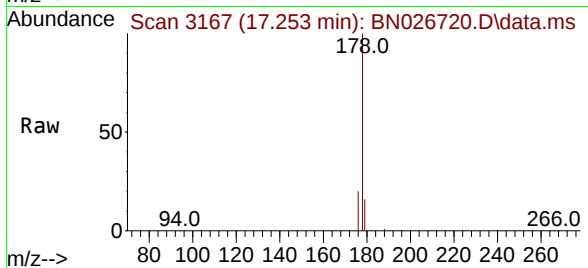
Tgt Ion:	178	Resp:	5604
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.7	20.5
176	19.9	16.5	24.7

Manual Integrations

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#16

Anthracene

Concen: 0.661 ng/uI

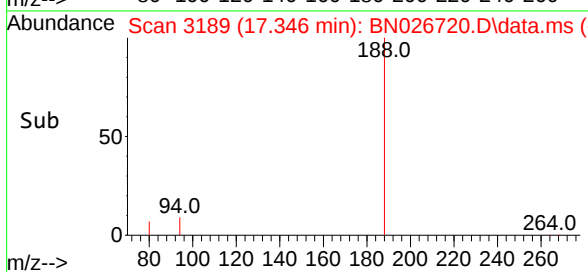
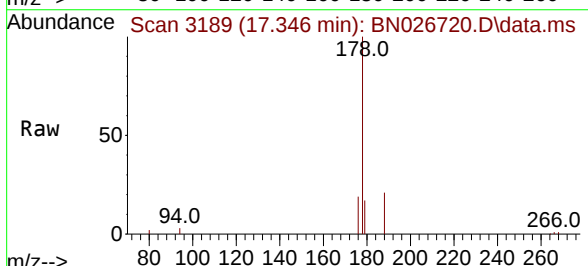
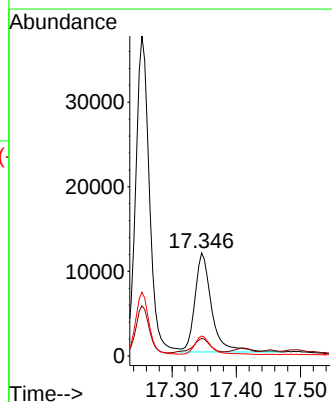
RT: 17.346 min Scan# 3189

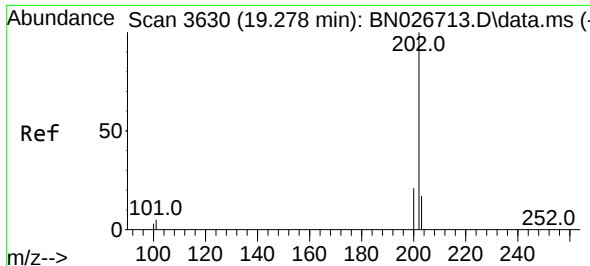
Delta R.T. -0.004 min

Lab File: BN026720.D

Acq: 24 Jul 2023 18:57

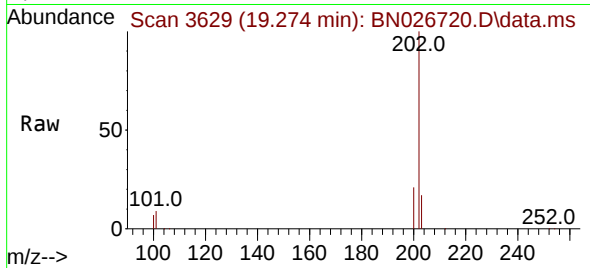
Tgt Ion:	178	Resp:	21193
Ion Ratio	Lower	Upper	
178	100		
179	17.2	14.8	22.2
176	19.4	16.6	25.0





#19
Fluoranthene
Concen: 4.036 ng/u1
RT: 19.274 min Scan# 3629
Delta R.T. -0.005 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

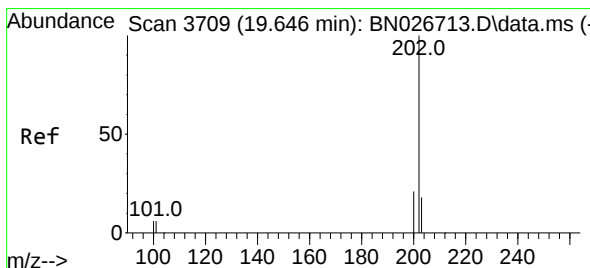
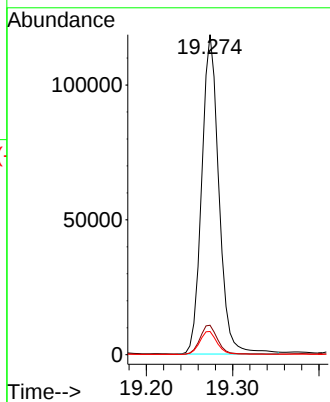
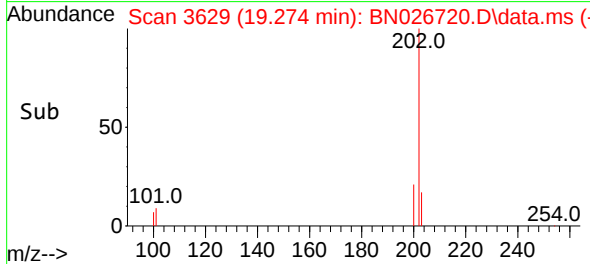
Instrument :
BNA_N
ClientSampleId :
A46S1DL



Tgt Ion:202 Resp: 164578
Ion Ratio Lower Upper
202 100
101 9.2 7.0 10.4
100 7.3 6.0 9.0

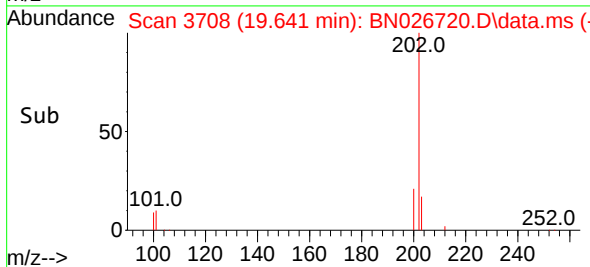
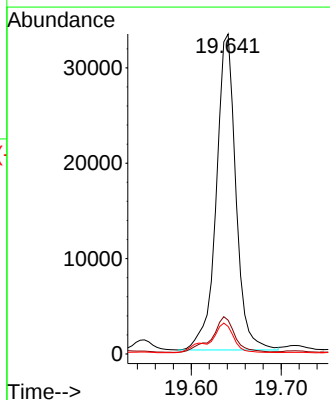
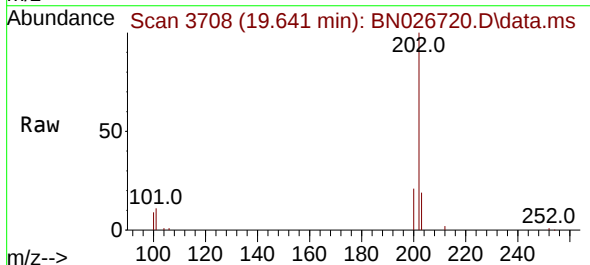
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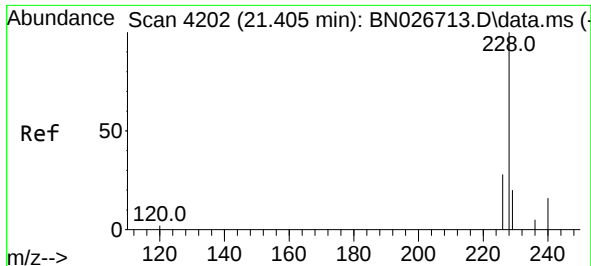
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 1.132 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

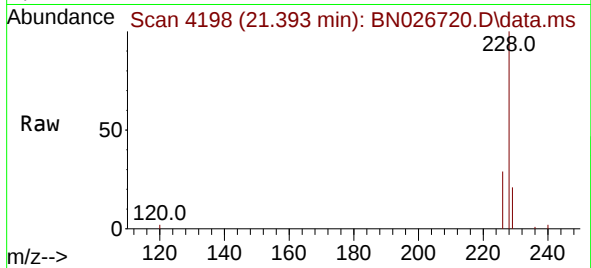
Tgt Ion:202 Resp: 50106
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 8.6 6.2 9.2





#21
Benzo(a)anthracene
Concen: 2.177 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

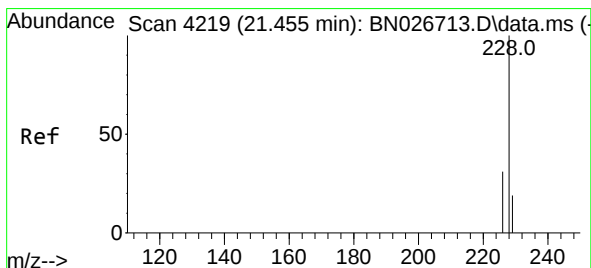
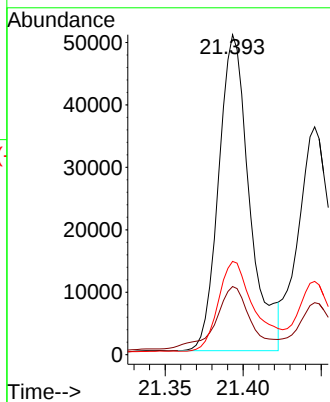
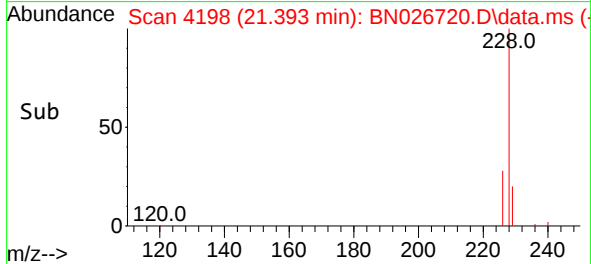
Instrument :
BNA_N
ClientSampleId :
A46S1DL



Tgt Ion:228 Resp: 6958
Ion Ratio Lower Upper
228 100
229 21.3 16.7 25.1
226 29.2 23.5 35.3

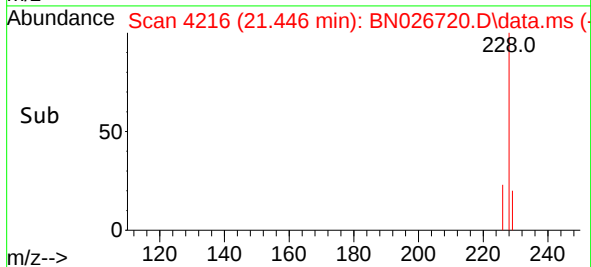
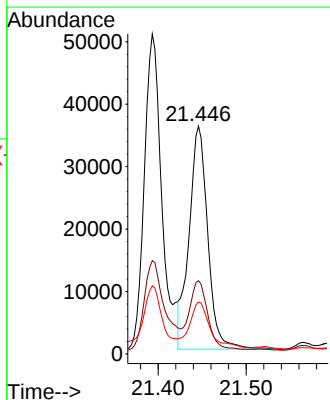
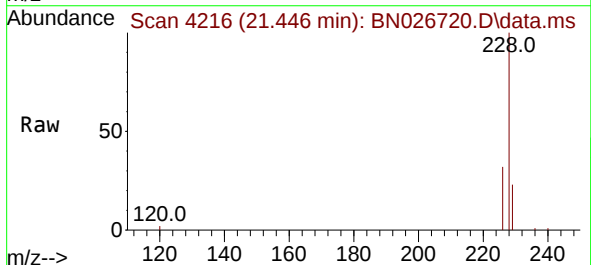
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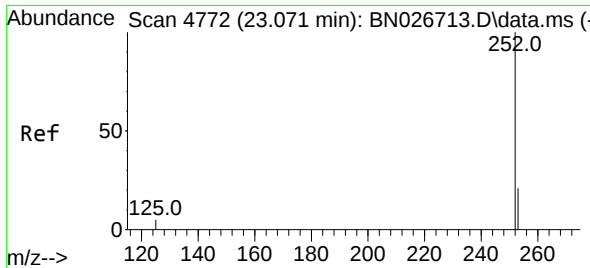
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 1.455 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

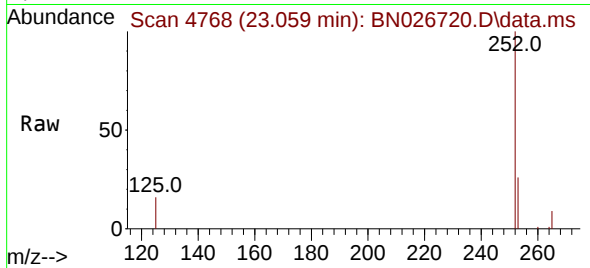
Tgt Ion:228 Resp: 52937
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.754 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

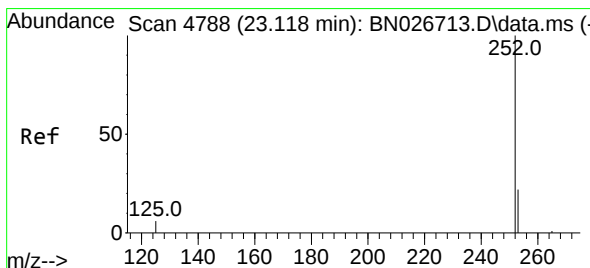
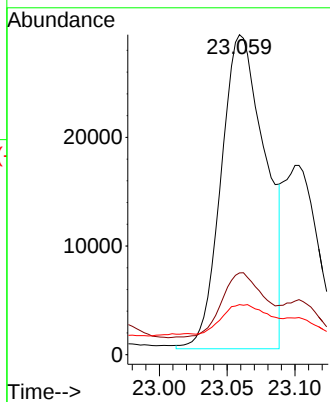
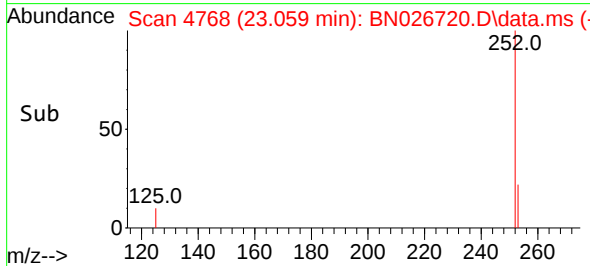
Instrument :
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A46S1DL



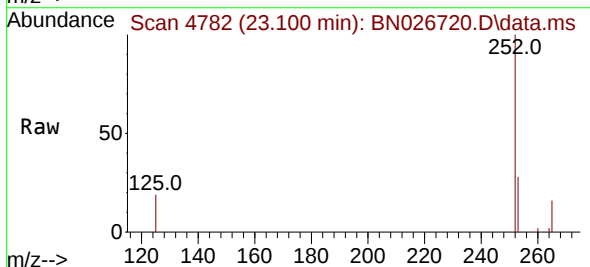
Tgt Ion:252 Resp: 6566
Ion Ratio Lower Upper
252 100
253 25.6 0.0 68.6
125 15.6 0.0 34.0

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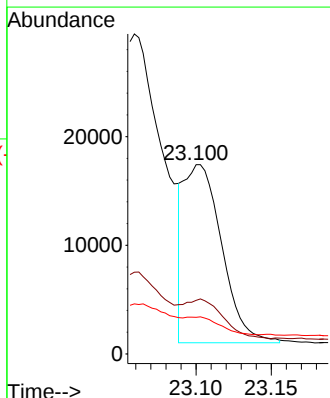
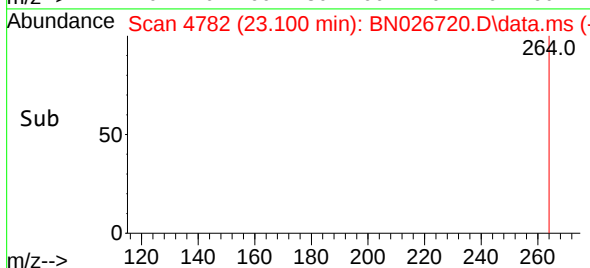
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

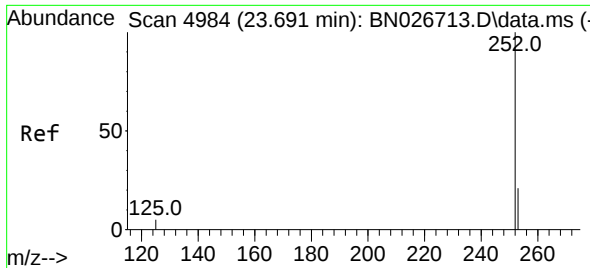


#25
Benzo(k)fluoranthene
Concen: 0.735 ng/ul m
RT: 23.100 min Scan# 4782
Delta R.T. -0.015 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57



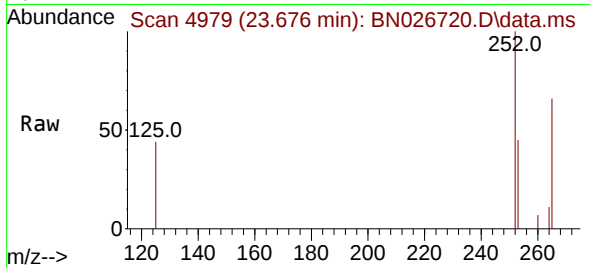
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Ion Ratio Lower Upper
252 100
253 28.3 27.2 40.8
125 19.4 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.245 ng/ul
RT: 23.676 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57

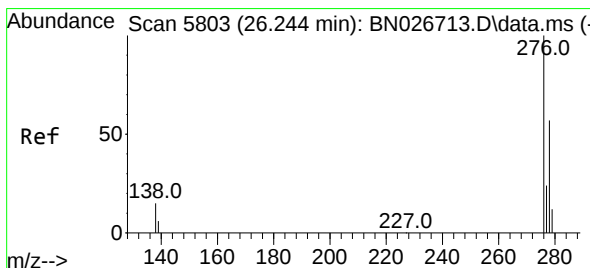
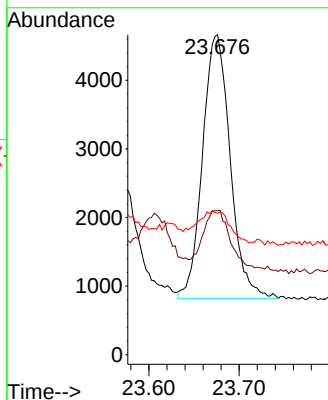
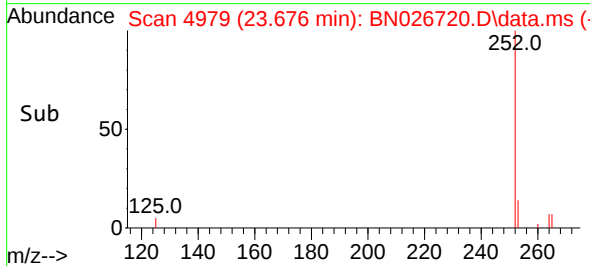
Instrument :
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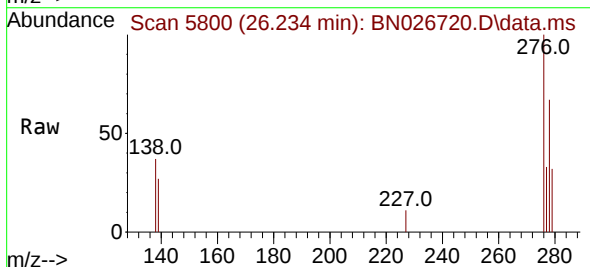
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Ion Ratio Lower Upper
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125 44.2 19.3 28.9

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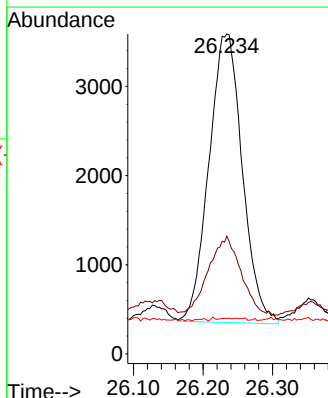
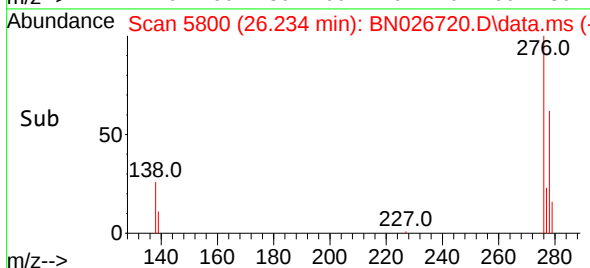
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

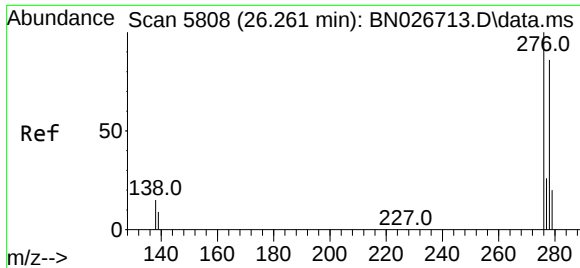


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.017 min
Lab File: BN026720.D
Acq: 24 Jul 2023 18:57



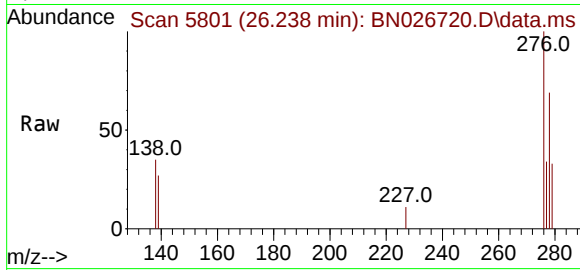
Tgt Ion:276 Resp: 10795
Ion Ratio Lower Upper
276 100
138 26.6 22.2 33.4
227 0.0 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.242 ng/ul
 RT: 26.238 min Scan# 5801
 Delta R.T. -0.020 min
 Lab File: BN026720.D
 Acq: 24 Jul 2023 18:57

Instrument :
 BNA_N
 ClientSampleId :
 A46S1DL



Tgt Ion:278 Resp: 809
 Ion Ratio Lower Upper
 278 100
 139 38.8 18.9 28.3
 279 47.0 31.3 46.9

Manual Integrations
 APPROVED

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