

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024788.D
 Acq On : 06 Apr 2023 19:57
 Operator : CG/JU
 Sample : 02006-03DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB963DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2023
 Supervised By : mohammad ahmed 04/07/2023

Quant Time: Apr 06 23:08:20 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 22:57:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	28566	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	15552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	34039	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	31715	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	29206	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5770	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.358	152	1311	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	3006	0.039	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.320	152	2706	0.049	ng/ul#	92
11) Acenaphthene	14.658	153	4730	0.099	ng/ul	97
12) Fluorene	15.643	166	6422	0.118	ng/ul#	98
15) Phenanthrene	17.385	178	183777	1.969	ng/ul	99
16) Anthracene	17.473	178	18685	0.240	ng/ul	99
19) Fluoranthene	19.400	202	411969	3.687	ng/ul	100
20) Pyrene	19.762	202	387421	3.405	ng/ul	99
21) Benzo(a)anthracene	21.514	228	158040	1.659	ng/ul	98
22) Chrysene	21.569	228	210769	2.011	ng/ul	98
24) Benzo(b)fluoranthene	23.235	252	258769m	2.133	ng/ul	
25) Benzo(k)fluoranthene	23.279	252	92631m	0.793	ng/ul	
26) Benzo(a)pyrene	23.878	252	157220	1.648	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.543	276	105825	0.931	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.550	278	23975	0.264	ng/ul#	92
29) Benzo(g,h,i)perylene	27.332	276	108886	1.113	ng/ul	99

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

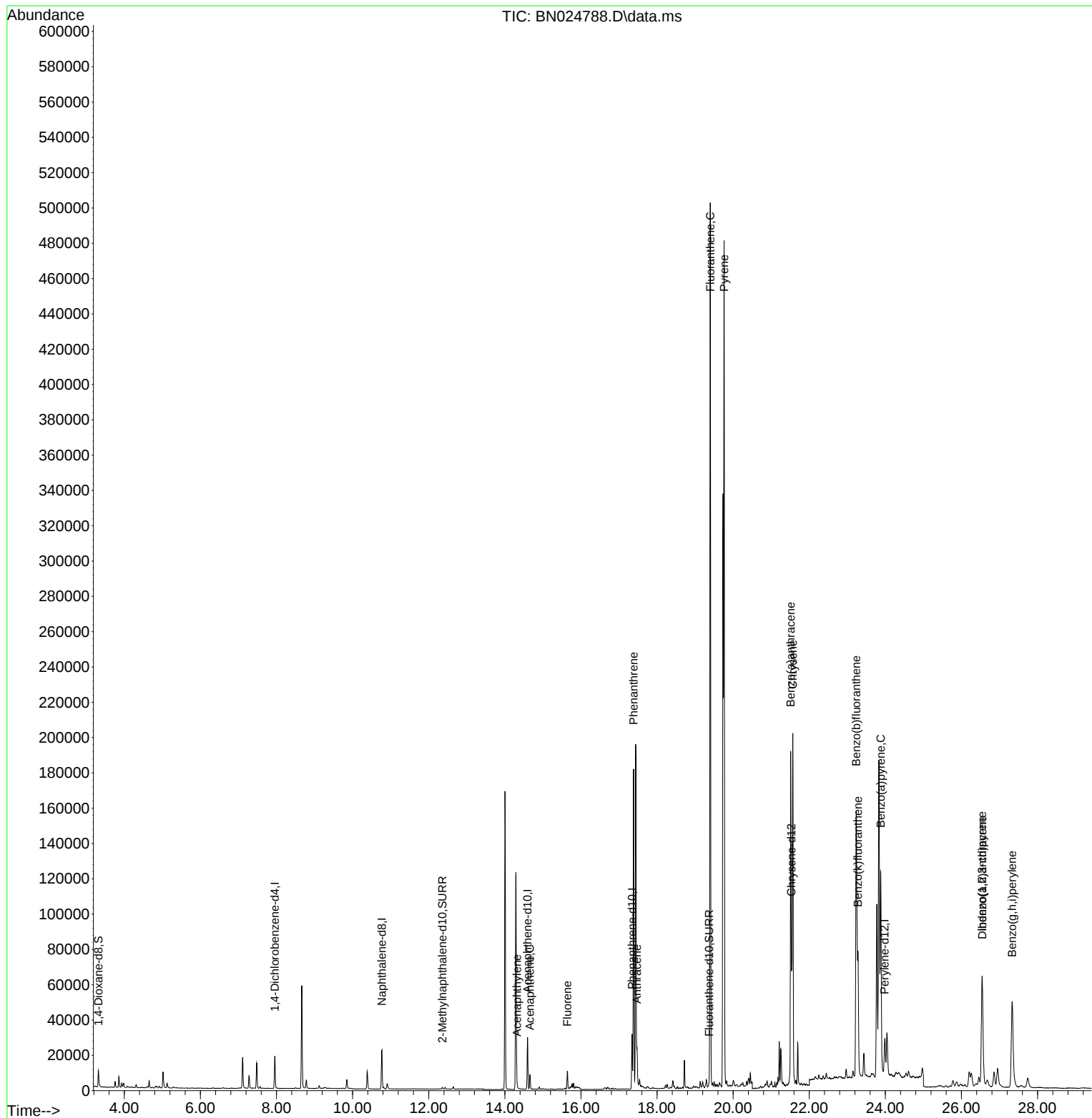
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024788.D
Acq On : 06 Apr 2023 19:57
Operator : CG/JU
Sample : 02006-03DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

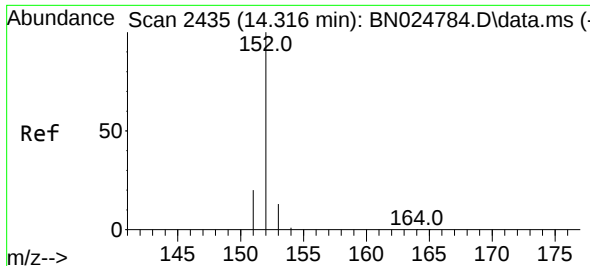
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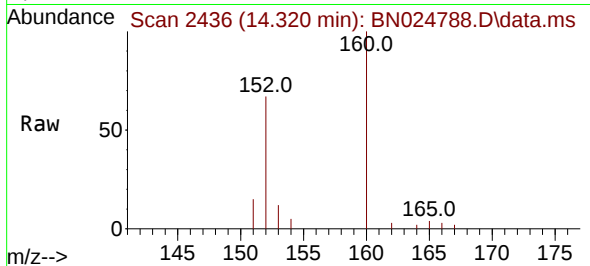
Quant Time: Apr 06 23:08:20 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.049 ng/u1
RT: 14.320 min Scan# 2436
Delta R.T. 0.004 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57

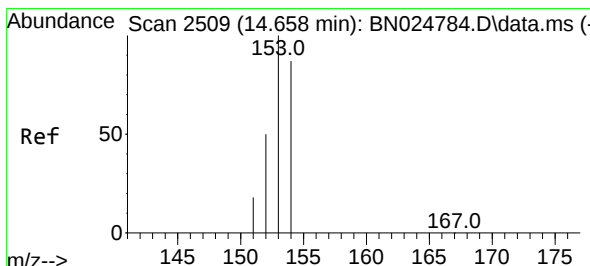
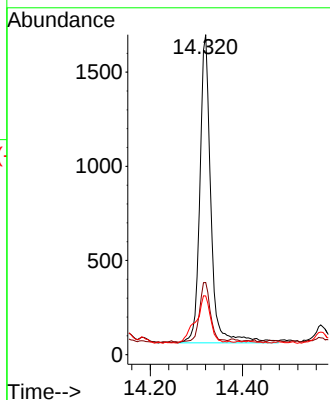
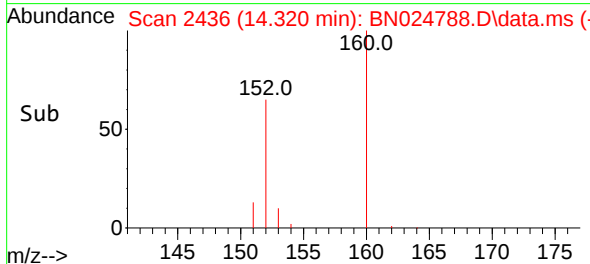
Instrument :
BNA_N
ClientSampleId :
CB963DL



Tgt Ion:152 Resp: 2700
Ion Ratio Lower Upper
152 100
151 22.5 16.1 24.1
153 18.4 10.6 16.0

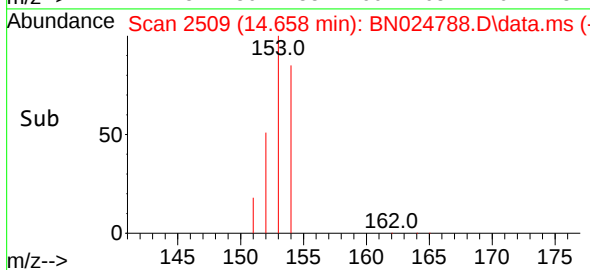
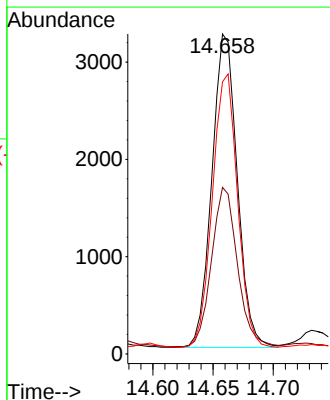
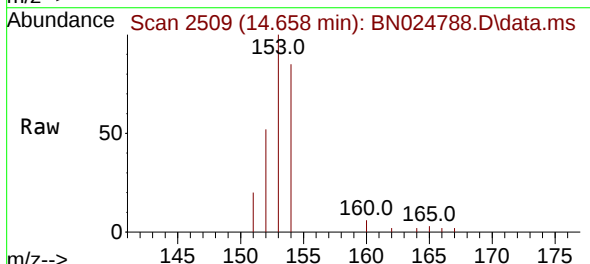
Manual Integrations
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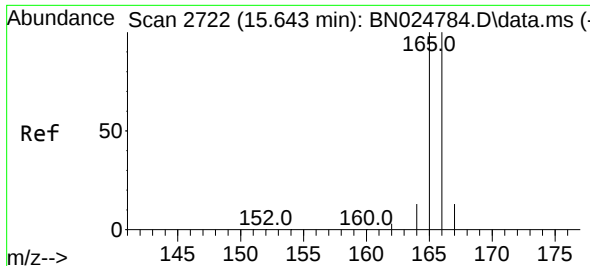
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#11
Acenaphthene
Concen: 0.099 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57

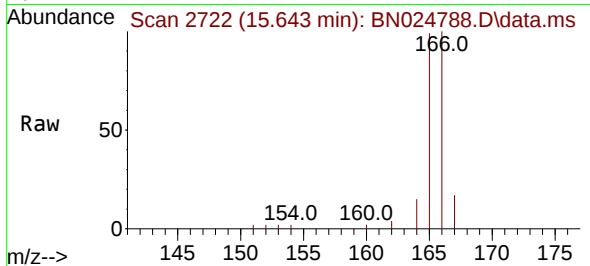
Tgt Ion:153 Resp: 4730
Ion Ratio Lower Upper
153 100
152 52.0 40.3 60.5
154 85.1 71.0 106.4





#12
Fluorene
Concen: 0.118 ng/ul
RT: 15.643 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57

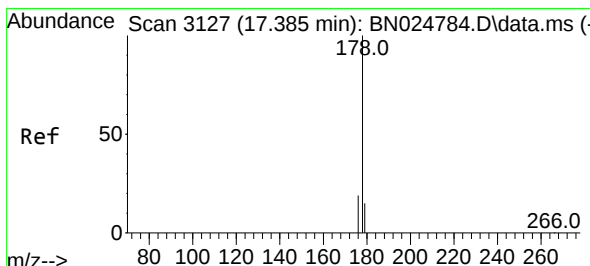
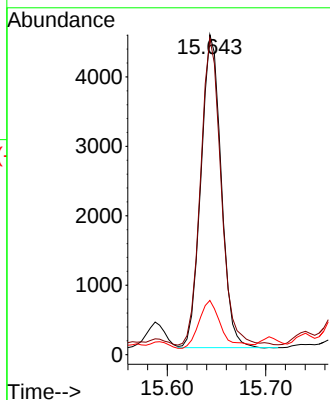
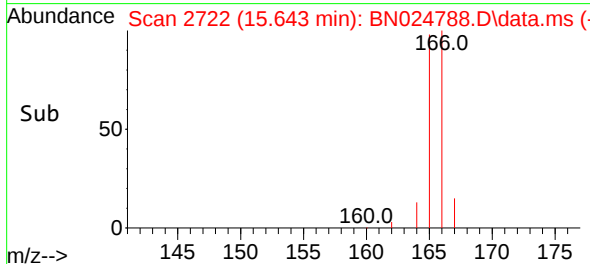
Instrument :
BNA_N
ClientSampleId :
CB963DL



Tgt Ion:166 Resp: 642
Ion Ratio Lower Upper
166 100
165 98.8 80.0 120.0
167 16.9 10.8 16.2

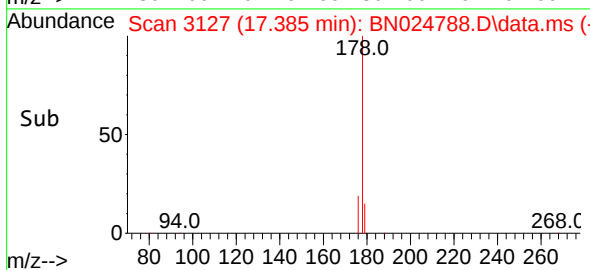
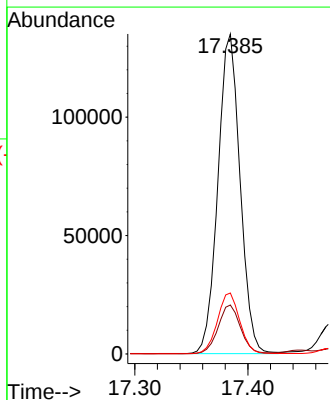
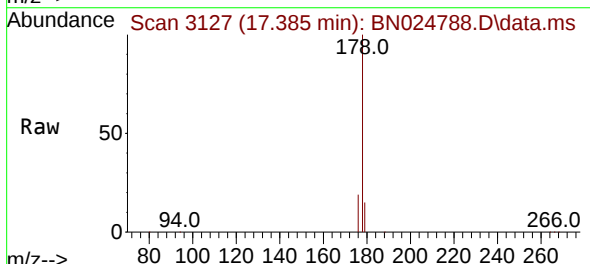
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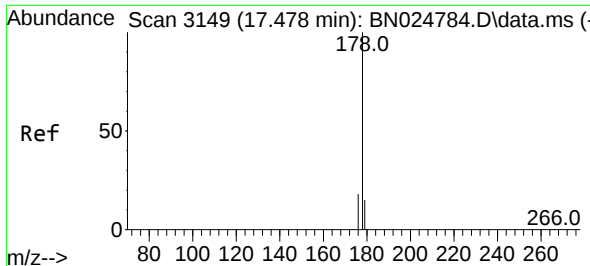
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#15
Phenanthrene
Concen: 1.969 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57

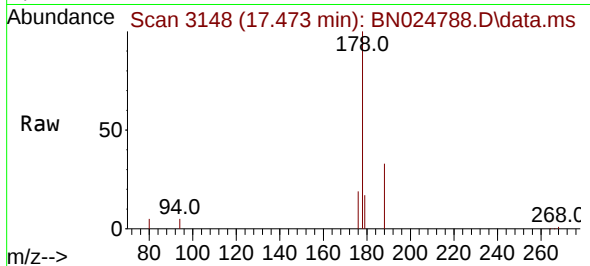
Tgt Ion:178 Resp: 183777
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.0 15.5 23.3





#16
 Anthracene
 Concen: 0.240 ng/ul
 RT: 17.473 min Scan# 3149
 Delta R.T. -0.004 min
 Lab File: BN024788.D
 Acq: 06 Apr 2023 19:57

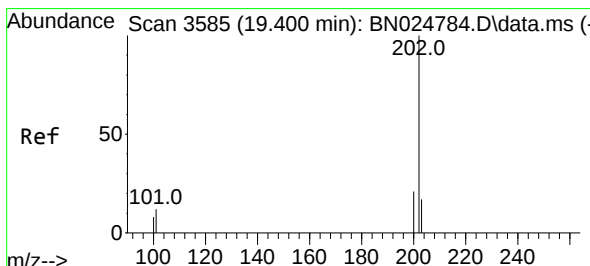
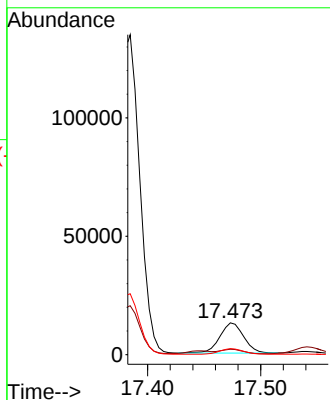
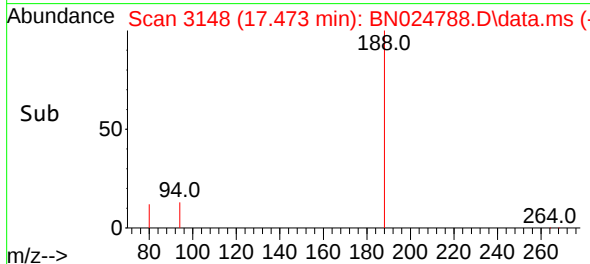
Instrument :
 BNA_N
 ClientSampleId :
 CB963DL



Tgt Ion:178 Resp: 18685
 Ion Ratio Lower Upper
 178 100
 179 17.0 12.7 19.1
 176 18.9 15.2 22.8

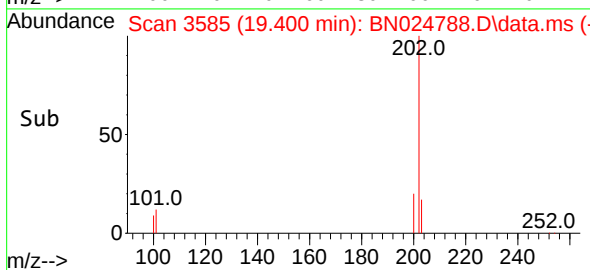
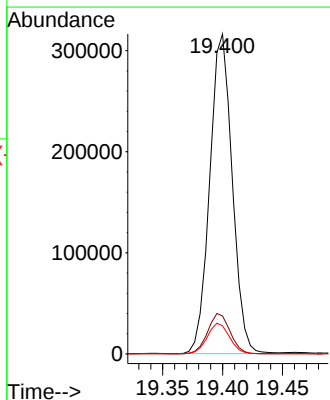
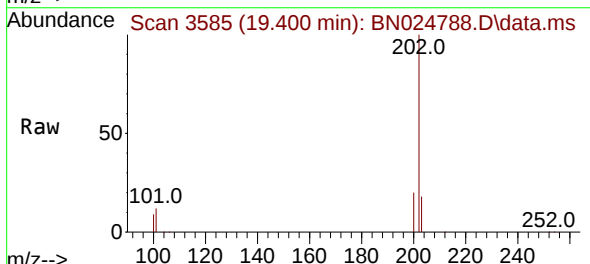
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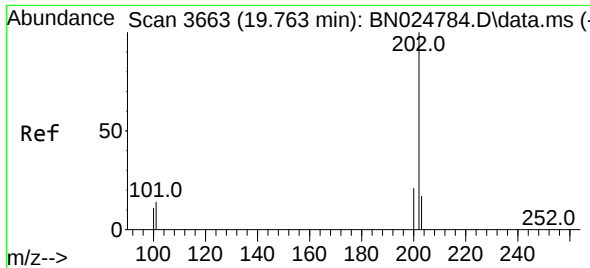
Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :mohammad ahmed 04/07/2023



#19
 Fluoranthene
 Concen: 3.687 ng/ul
 RT: 19.400 min Scan# 3585
 Delta R.T. -0.001 min
 Lab File: BN024788.D
 Acq: 06 Apr 2023 19:57

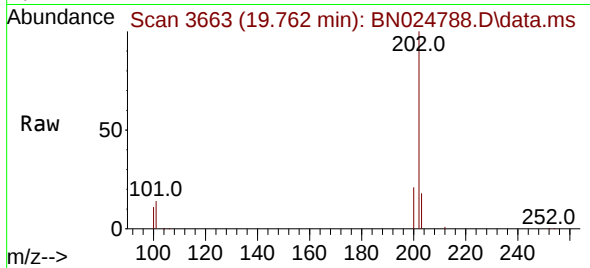
Tgt Ion:202 Resp: 411969
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.6 14.4
 100 8.8 7.0 10.6





#20
Pyrene
Concen: 3.405 ng/ul
RT: 19.762 min Scan# 30
Delta R.T. -0.001 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57

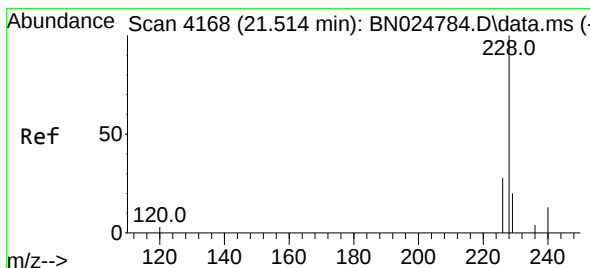
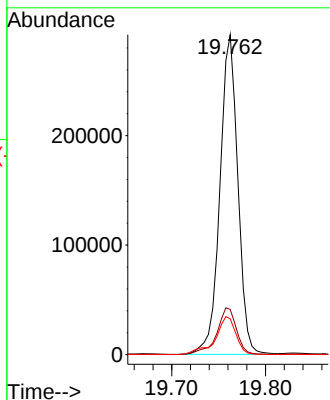
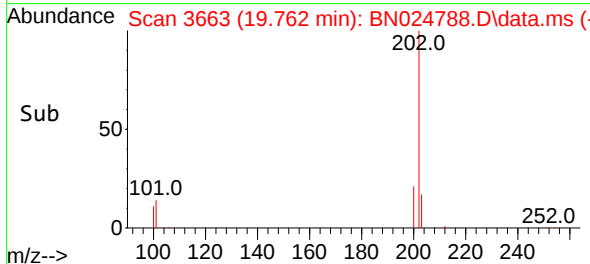
Instrument :
BNA_N
ClientSampleId :
CB963DL



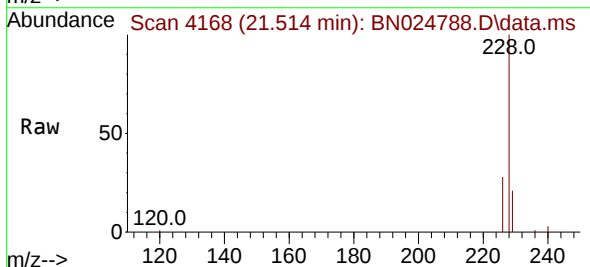
Tgt Ion:202 Resp: 38742
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.2 8.7 13.1

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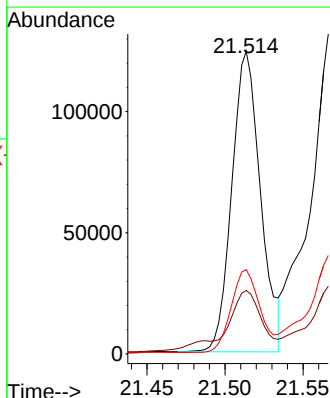
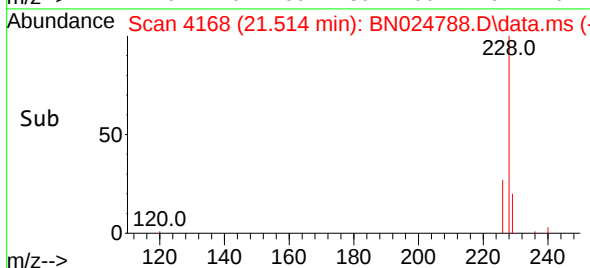
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023

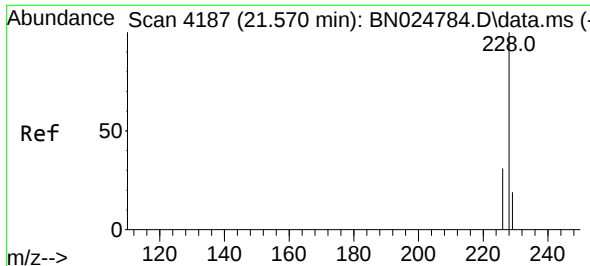


#21
Benzo(a)anthracene
Concen: 1.659 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.001 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57



Tgt Ion:228 Resp: 158040
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 27.8 22.5 33.7





#22

Chrysene

Concen: 2.011 ng/ul

RT: 21.569 min Scan# 4187

Delta R.T. -0.001 min

Lab File: BN024788.D

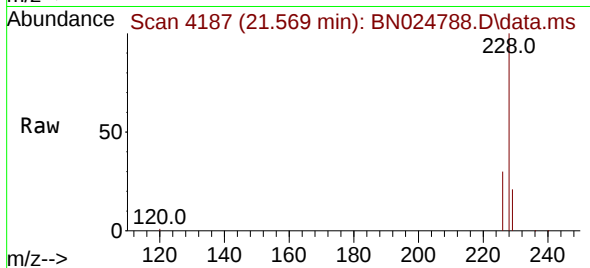
Acq: 06 Apr 2023 19:57

Instrument :

BNA_N

ClientSampleId :

CB963DL



Tgt Ion:228 Resp: 210769

Ion Ratio Lower Upper

228 100

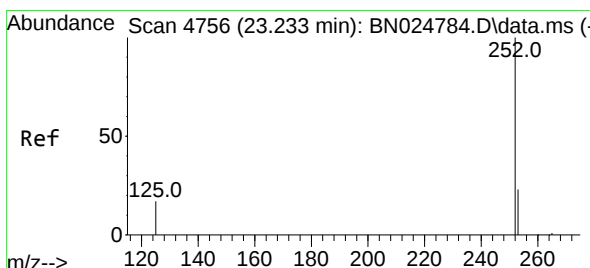
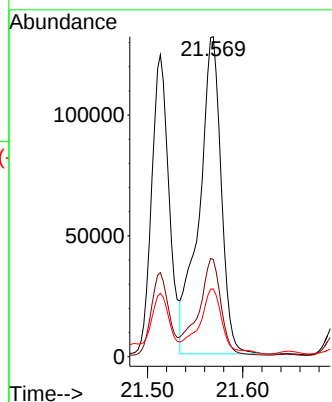
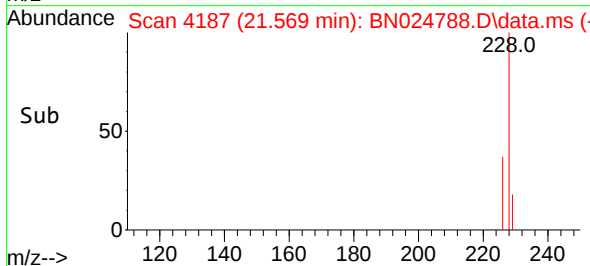
226 30.3 24.6 37.0

229 21.2 15.6 23.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#24

Benzo(b)fluoranthene

Concen: 2.133 ng/ul m

RT: 23.235 min Scan# 4757

Delta R.T. 0.002 min

Lab File: BN024788.D

Acq: 06 Apr 2023 19:57

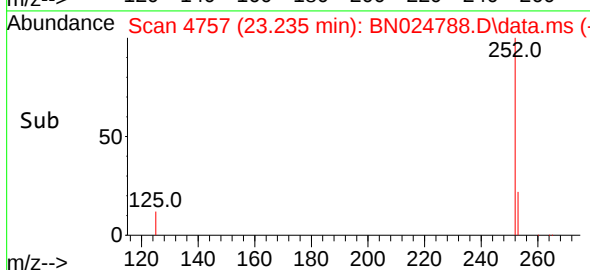
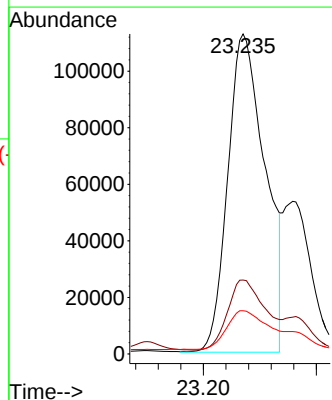
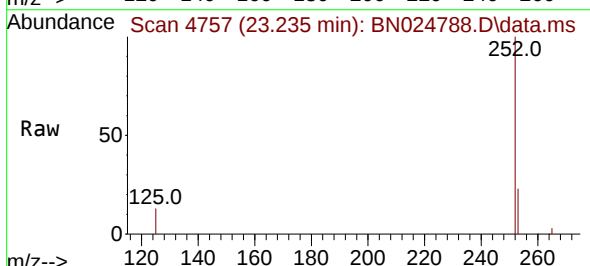
Tgt Ion:252 Resp: 258769

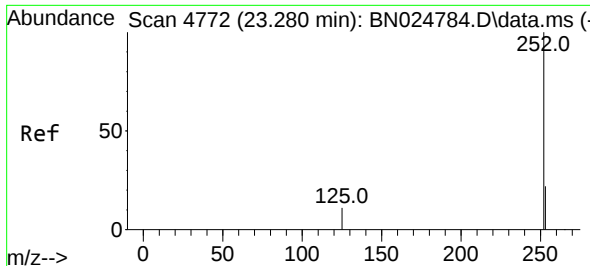
Ion Ratio Lower Upper

252 100

253 23.1 0.0 49.6

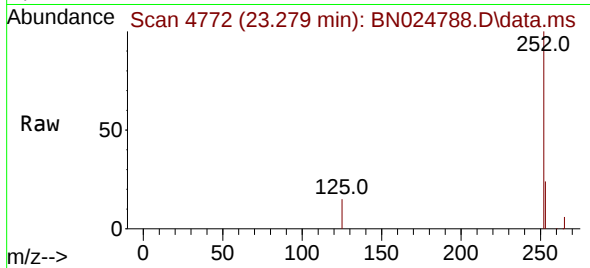
125 13.5 0.0 32.4





#25
Benzo(k)fluoranthene
Concen: 0.793 ng/ul m
RT: 23.279 min Scan# 4772
Delta R.T. -0.001 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57

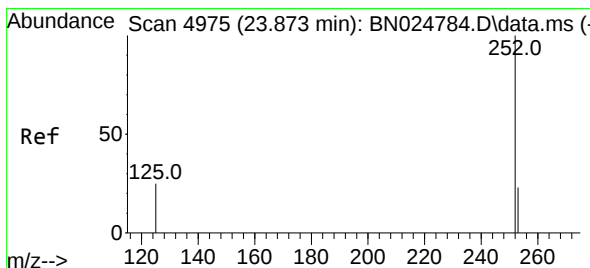
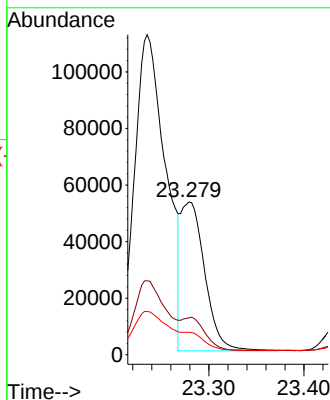
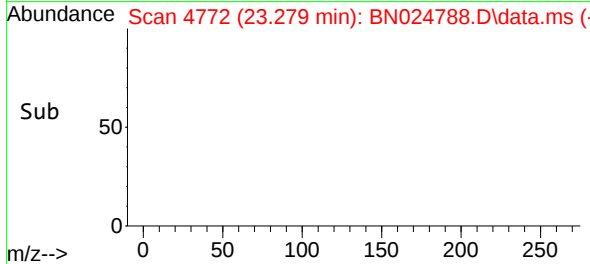
Instrument :
BNA_N
ClientSampleId :
CB963DL



Tgt Ion:252 Resp: 9263
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.2
125 14.6 13.1 19.7

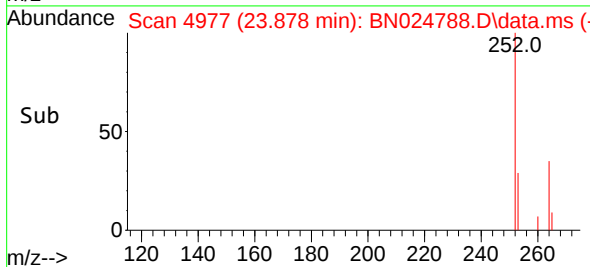
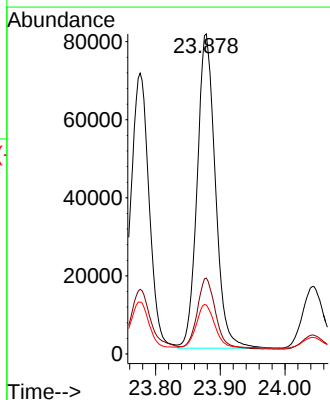
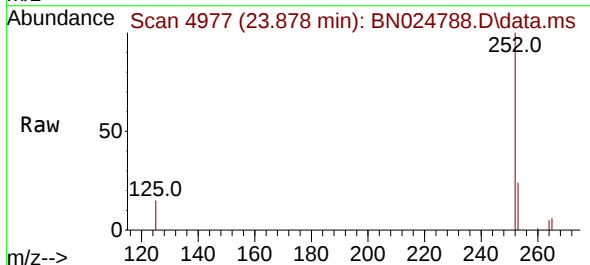
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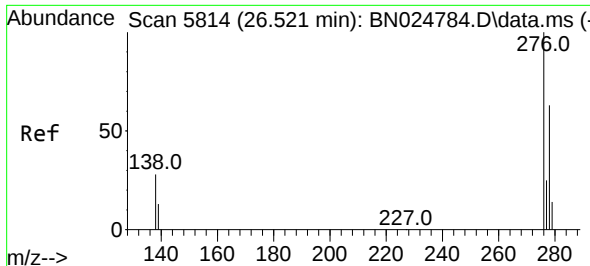
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#26
Benzo(a)pyrene
Concen: 1.648 ng/ul
RT: 23.878 min Scan# 4977
Delta R.T. 0.005 min
Lab File: BN024788.D
Acq: 06 Apr 2023 19:57

Tgt Ion:252 Resp: 157220
Ion Ratio Lower Upper
252 100
253 23.7 21.8 32.8
125 15.3 15.4 23.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.931 ng/ul

RT: 26.543 min Scan# 5821

Delta R.T. 0.023 min

Lab File: BN024788.D

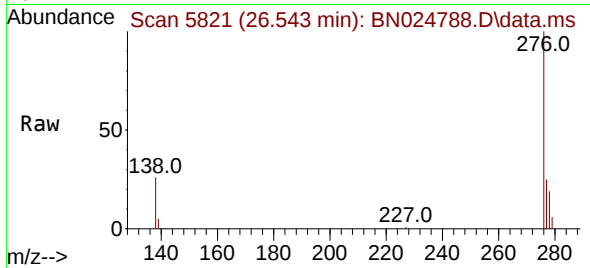
Acq: 06 Apr 2023 19:57

Instrument :

BNA_N

ClientSampleId :

CB963DL



Tgt Ion:276 Resp: 105829

Ion Ratio Lower Upper

276 100

138 25.2 24.6 36.8

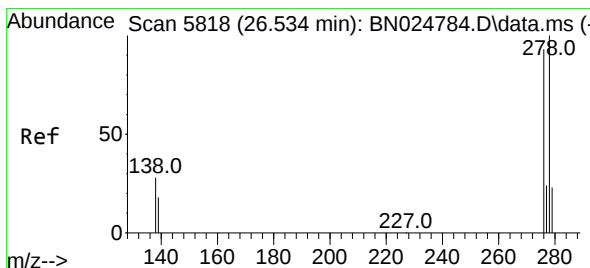
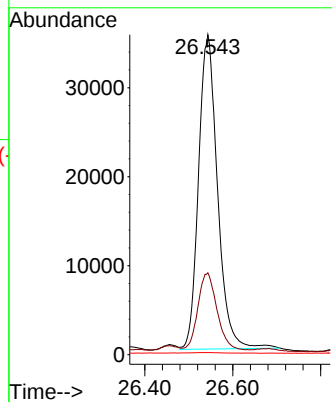
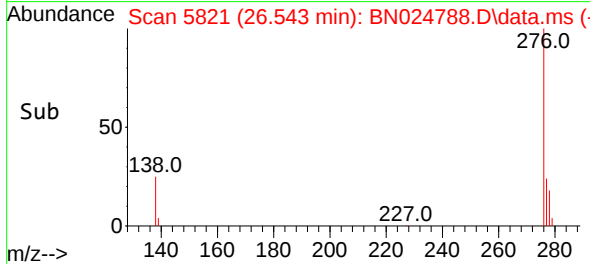
227 0.3 0.1 0.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/07/2023

Supervised By :mohammad ahmed 04/07/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.264 ng/ul

RT: 26.550 min Scan# 5823

Delta R.T. 0.016 min

Lab File: BN024788.D

Acq: 06 Apr 2023 19:57

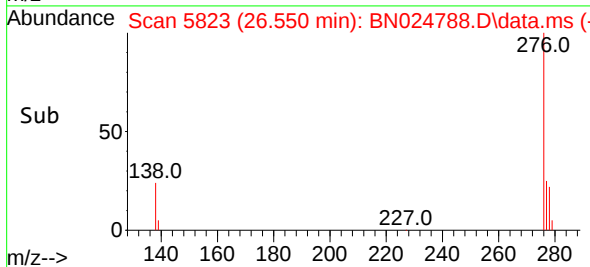
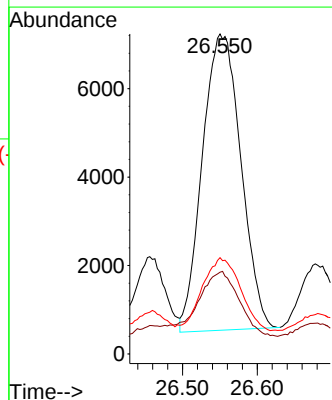
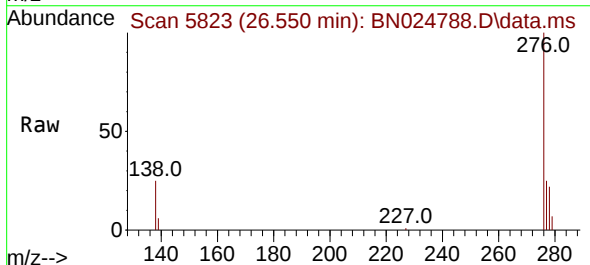
Tgt Ion:278 Resp: 23975

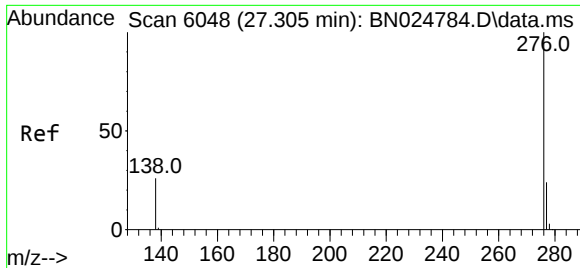
Ion Ratio Lower Upper

278 100

139 25.5 16.5 24.7#

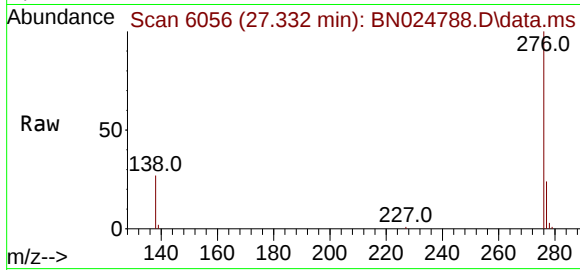
279 30.1 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 1.113 ng/ul
 RT: 27.332 min Scan# 6056
 Delta R.T. 0.026 min
 Lab File: BN024788.D
 Acq: 06 Apr 2023 19:57

Instrument :
 BNA_N
 ClientSampleId :
 CB963DL



Tgt Ion:	276	Resp:	108880
Ion Ratio	Lower	Upper	
276	100		
138	26.7	21.4	32.2
277	23.8	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :mohammad ahmed 04/07/2023

