

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024689.D
 Acq On : 31 Mar 2023 21:08
 Operator : CG/JU
 Sample : 02010-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB949

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/03/2023
 Supervised By : Jagrut Upadhyay 04/03/2023

Quant Time: Apr 01 01:03:15 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 : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9011	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	27724	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	16459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	35246	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	27257	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	27046	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	42161	4.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	13005	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	34120	0.511	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.861	128	1530	0.022	ng/ul#	78
10) Acenaphthylene	14.356	152	1986	0.034	ng/ul#	72
11) Acenaphthene	14.698	153	1060	0.021	ng/ul	98
15) Phenanthrene	17.422	178	3922	0.041	ng/ul#	82
16) Anthracene	17.515	178	2794	0.035	ng/ul#	75
19) Fluoranthene	19.436	202	8427	0.088	ng/ul#	90
20) Pyrene	19.799	202	10556	0.108	ng/ul#	84
21) Benzo(a)anthracene	21.554	228	4135	0.050	ng/ul#	74
22) Chrysene	21.612	228	5006	0.056	ng/ul#	77
24) Benzo(b)fluoranthene	23.290	252	6543m	0.058	ng/ul	
25) Benzo(k)fluoranthene	23.337	252	2324m	0.021	ng/ul	
26) Benzo(a)pyrene	23.939	252	4199	0.048	ng/ul#	18
27) Indeno(1,2,3-cd)pyrene	26.619	276	2865	0.027	ng/ul	90
29) Benzo(g,h,i)perylene	27.411	276	3252	0.036	ng/ul#	68

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

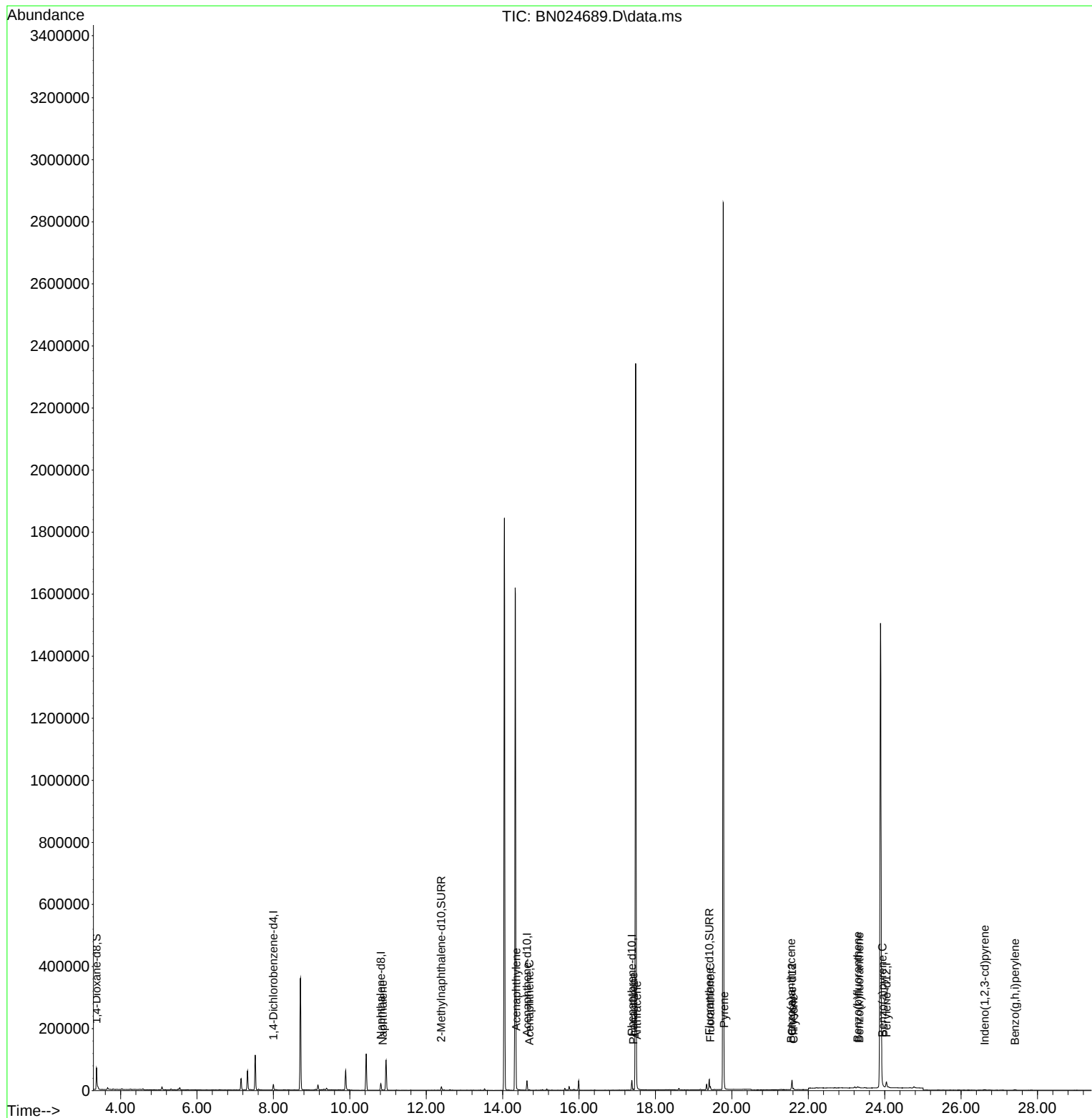
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024689.D
Acq On : 31 Mar 2023 21:08
Operator : CG/JU
Sample : 02010-03
Misc :
ALS Vial : 43 Sample Multiplier: 1

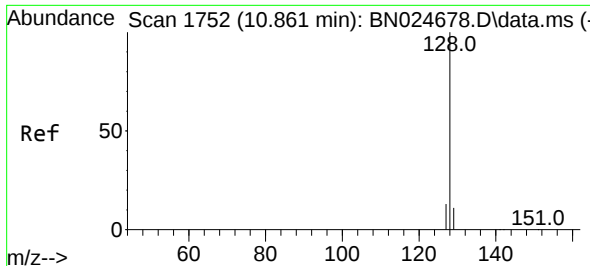
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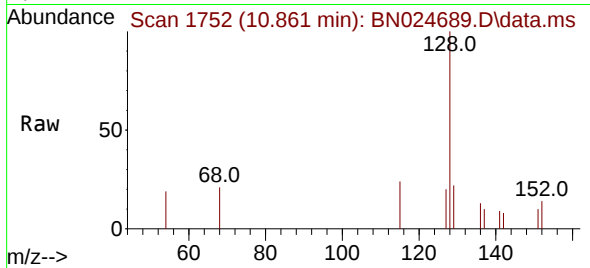
Quant Time: Apr 01 01:03:15 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 01 01:00:20 2023
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08

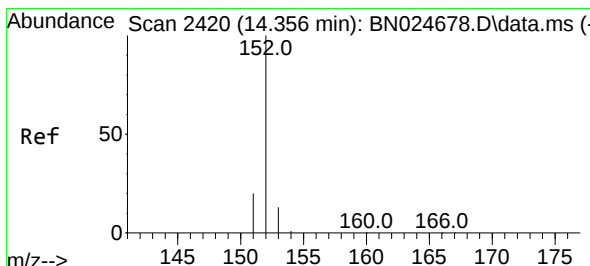
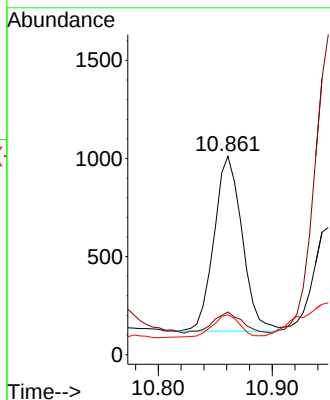
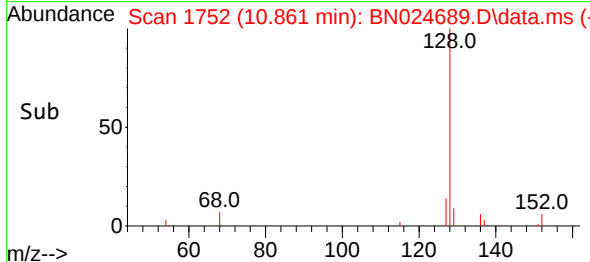
Instrument :
BNA_N
ClientSampleId :
CB949



Tgt Ion:128 Resp: 1530
Ion Ratio Lower Upper
128 100
129 21.6 9.0 13.6
127 20.1 10.5 15.7

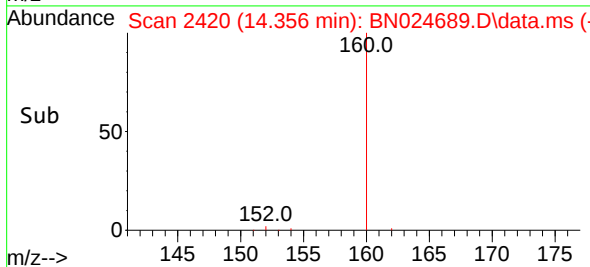
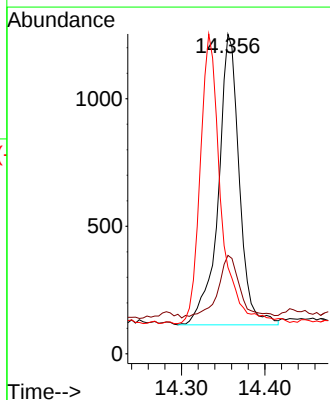
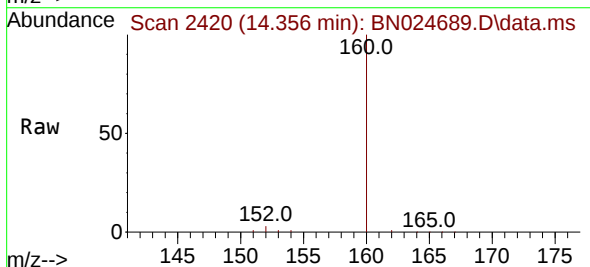
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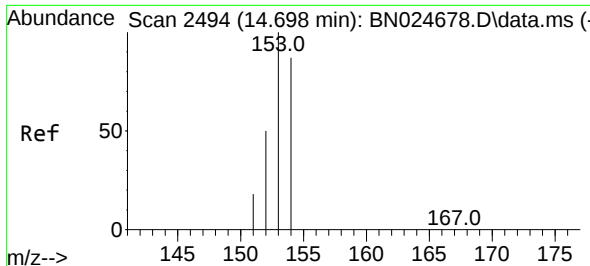
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08

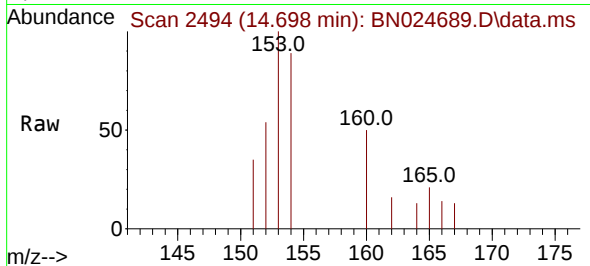
Tgt Ion:152 Resp: 1986
Ion Ratio Lower Upper
152 100
151 30.8 16.1 24.1#
153 27.1 10.6 16.0#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08

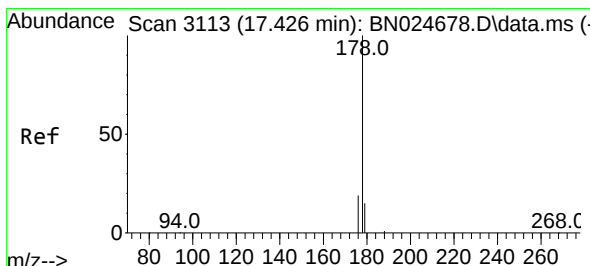
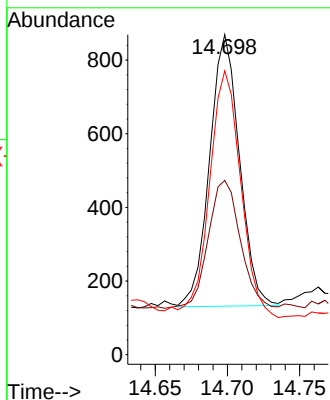
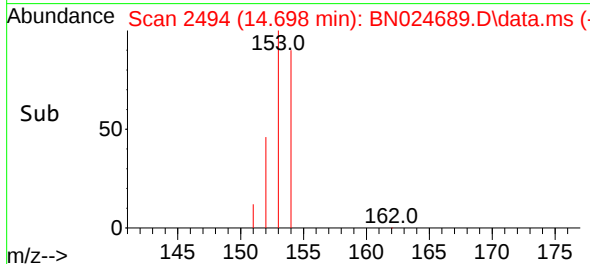
Instrument :
BNA_N
ClientSampleId :
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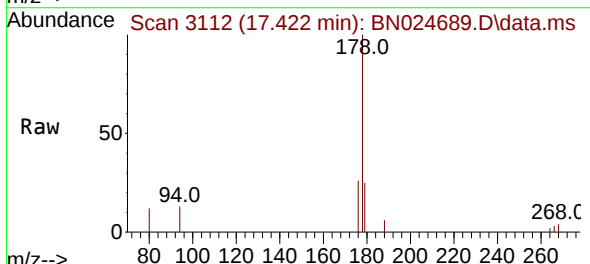
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Ion Ratio Lower Upper
153 100
152 54.4 40.3 60.5
154 88.7 71.0 106.4

Manual Integrations
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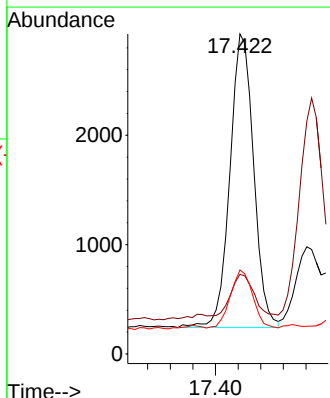
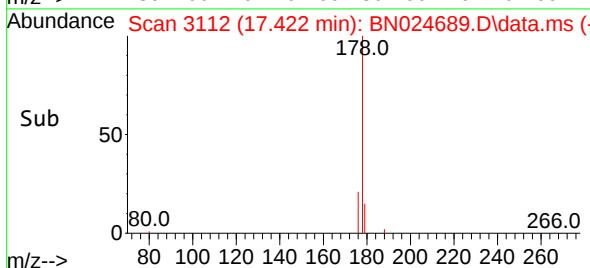
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

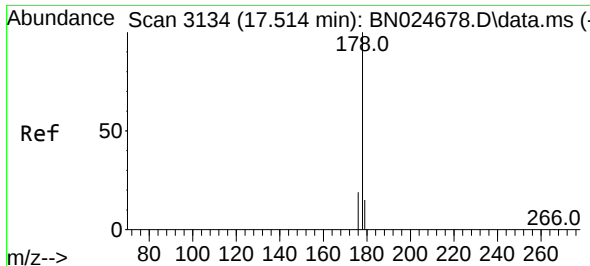


#15
Phenanthrene
Concen: 0.041 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08



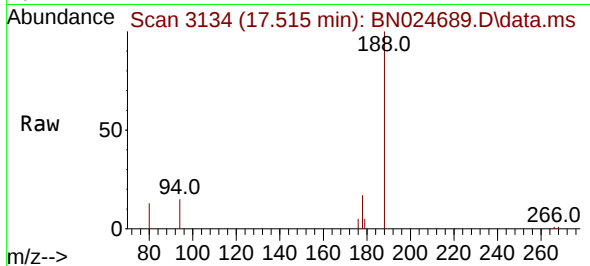
Tgt Ion:178 Resp: 3922
Ion Ratio Lower Upper
178 100
179 24.8 12.3 18.5#
176 26.2 15.5 23.3#





#16
 Anthracene
 Concen: 0.035 ng/ul
 RT: 17.515 min Scan# 3134
 Delta R.T. 0.000 min
 Lab File: BN024689.D
 Acq: 31 Mar 2023 21:08

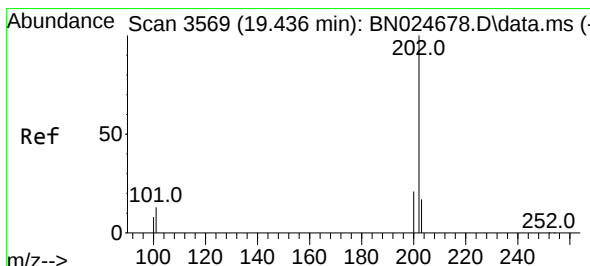
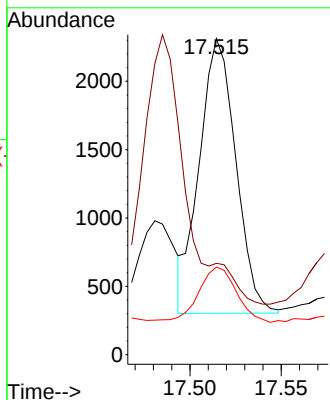
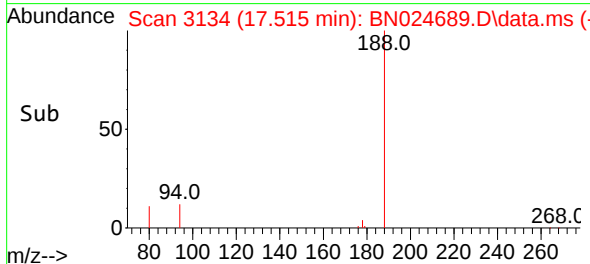
Instrument :
 BNA_N
 ClientSampleId :
 CB949



Tgt Ion:178 Resp: 2794
 Ion Ratio Lower Upper
 178 100
 179 28.9 12.7 19.1#
 176 27.8 15.2 22.8#

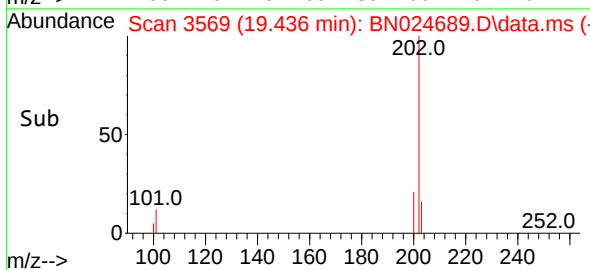
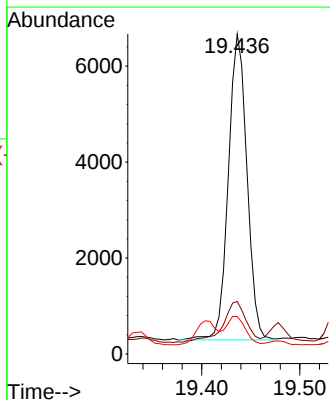
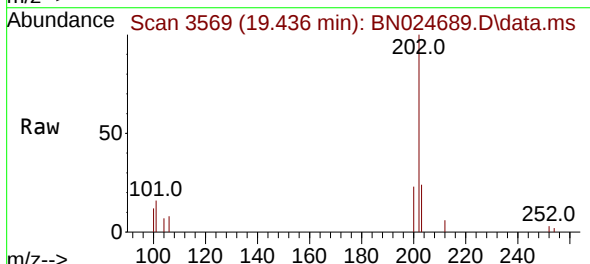
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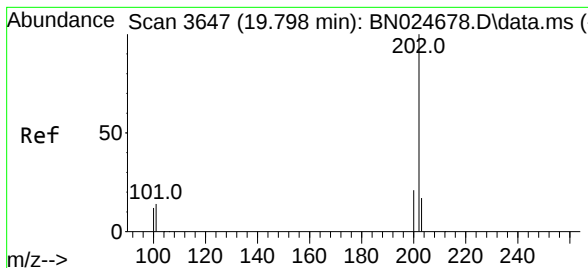
Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023



#19
 Fluoranthene
 Concen: 0.088 ng/ul
 RT: 19.436 min Scan# 3569
 Delta R.T. 0.000 min
 Lab File: BN024689.D
 Acq: 31 Mar 2023 21:08

Tgt Ion:202 Resp: 8427
 Ion Ratio Lower Upper
 202 100
 101 16.4 9.6 14.4#
 100 11.7 7.0 10.6#





#20

Pyrene

Concen: 0.108 ng/ul

RT: 19.799 min Scan# 3647

Delta R.T. 0.000 min

Lab File: BN024689.D

Acq: 31 Mar 2023 21:08

Instrument :

BNA_N

ClientSampleId :

CB949

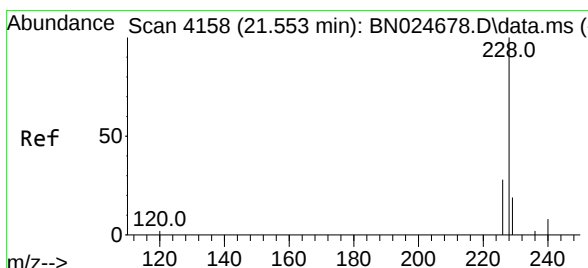
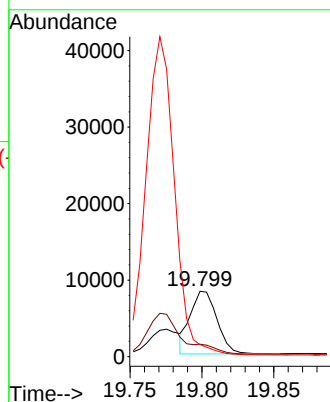
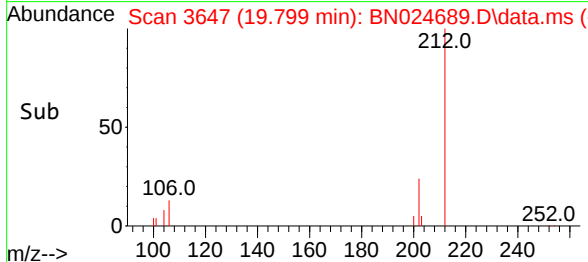
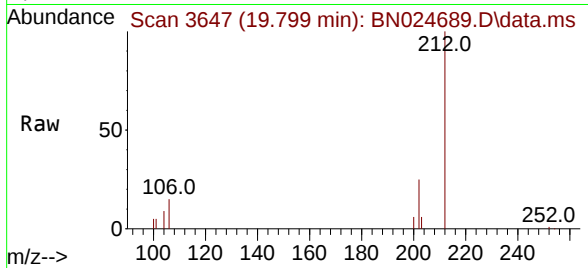
Tgt Ion:202 Resp: 10550

Ion	Ratio	Lower	Upper
202	100		
101	19.1	10.9	16.3#
100	18.4	8.7	13.1#

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.050 ng/ul

RT: 21.554 min Scan# 4158

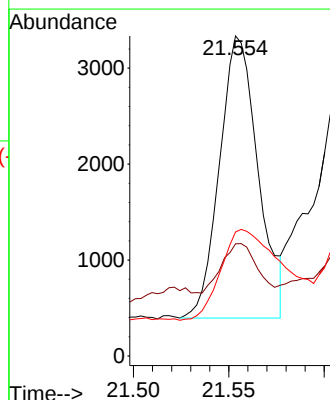
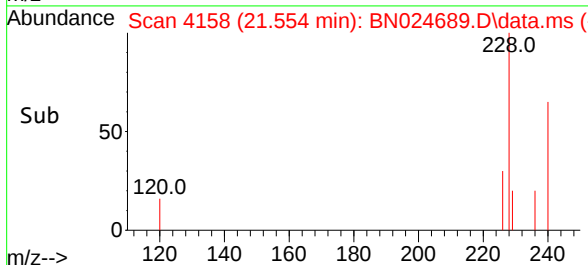
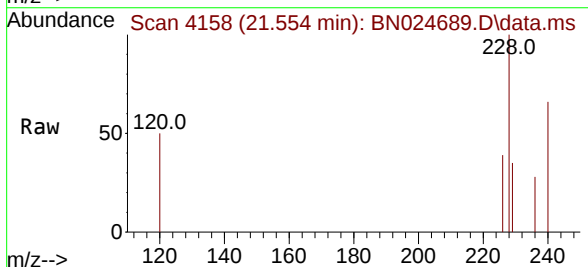
Delta R.T. 0.000 min

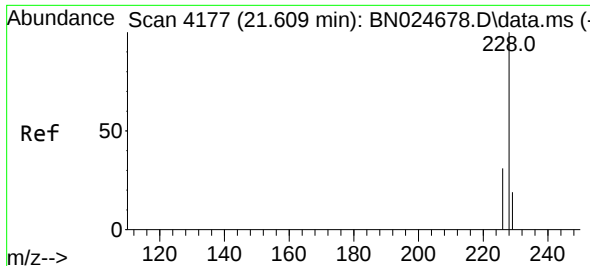
Lab File: BN024689.D

Acq: 31 Mar 2023 21:08

Tgt Ion:228 Resp: 4135

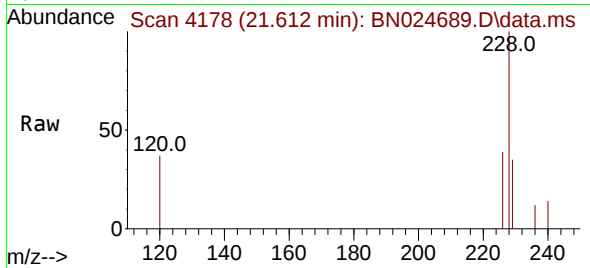
Ion	Ratio	Lower	Upper
228	100		
229	35.1	15.6	23.4#
226	38.8	22.5	33.7#





#22
Chrysene
Concen: 0.056 ng/ul
RT: 21.612 min Scan# 4178
Delta R.T. 0.003 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08

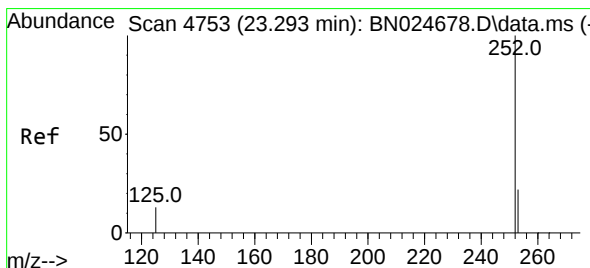
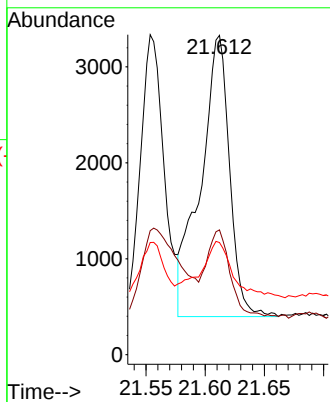
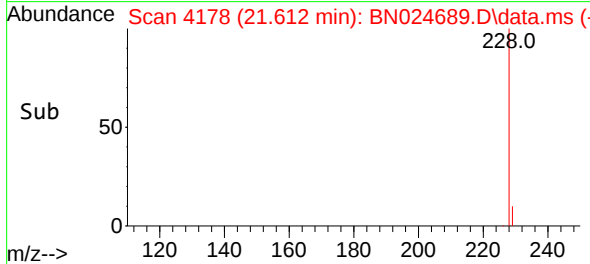
Instrument :
BNA_N
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Tgt Ion:228 Resp: 5000
Ion Ratio Lower Upper
228 100
226 39.1 24.6 37.0#
229 35.1 15.6 23.4#

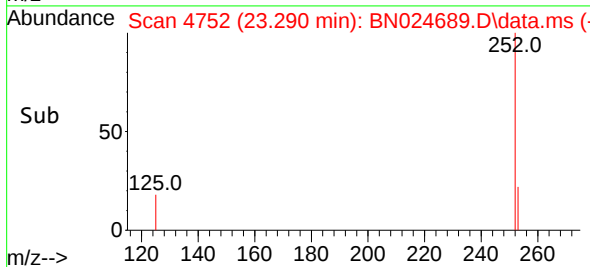
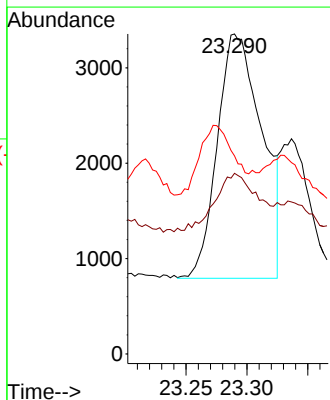
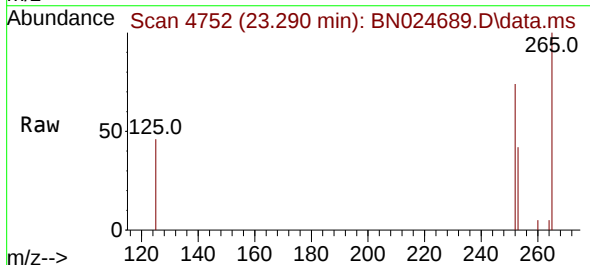
Manual Integrations
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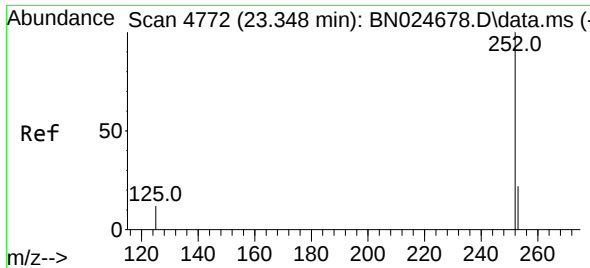
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#24
Benzo(b)fluoranthene
Concen: 0.058 ng/ul m
RT: 23.290 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08

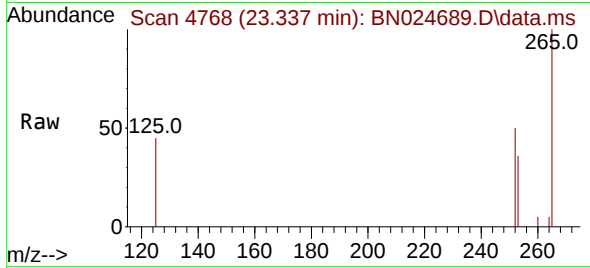
Tgt Ion:252 Resp: 6543
Ion Ratio Lower Upper
252 100
253 56.4 0.0 49.6#
125 61.9 0.0 32.4#





#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.337 min Scan# 4768
Delta R.T. -0.012 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08

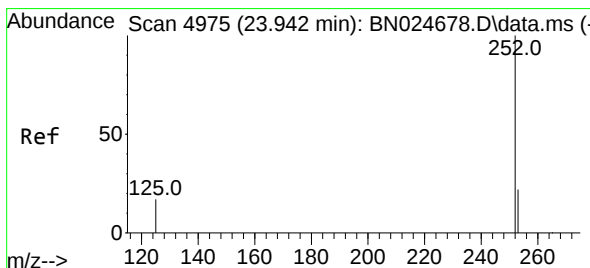
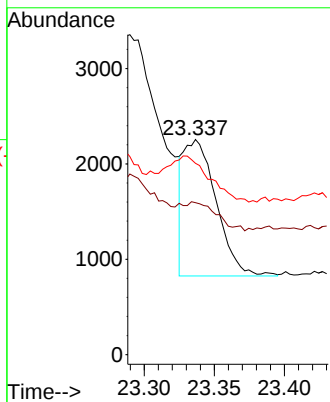
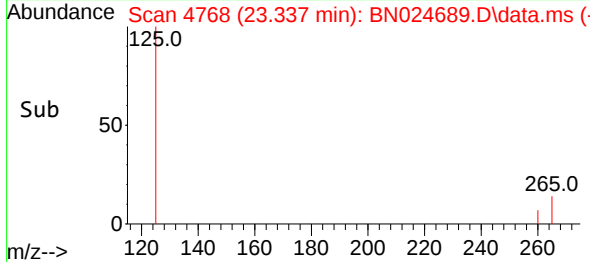
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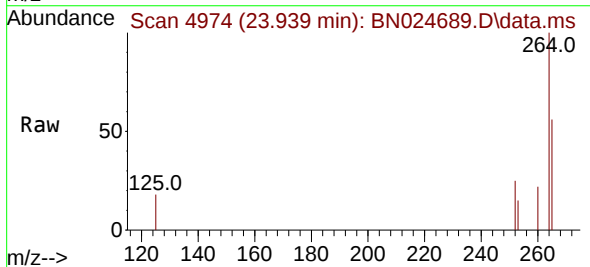
Tgt Ion:252 Resp: 2324
Ion Ratio Lower Upper
252 100
253 70.6 20.2 30.2
125 88.9 13.1 19.7

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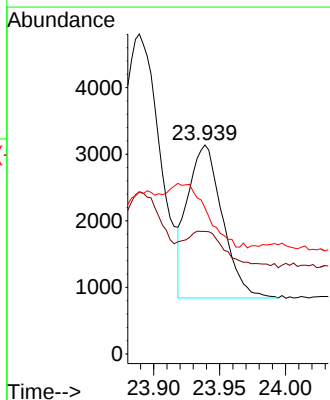
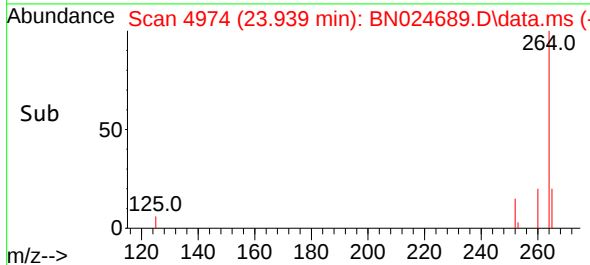
Reviewed By :Christian Giraldo 04/03/2023
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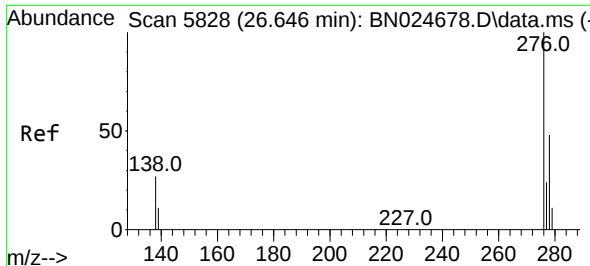


#26
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.939 min Scan# 4974
Delta R.T. -0.003 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08



Tgt Ion:252 Resp: 4199
Ion Ratio Lower Upper
252 100
253 58.6 21.8 32.8#
125 69.9 15.4 23.0#





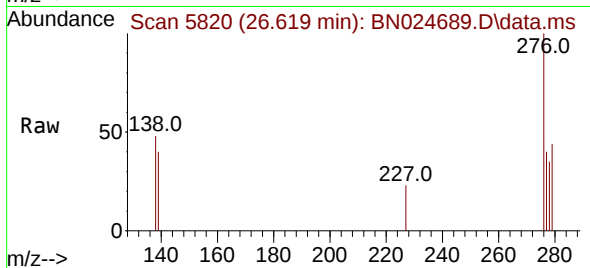
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.027 ng/ul
RT: 26.619 min Scan# 5820
Delta R.T. -0.027 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08

Instrument :

BNA_N

ClientSampleId :

CB949

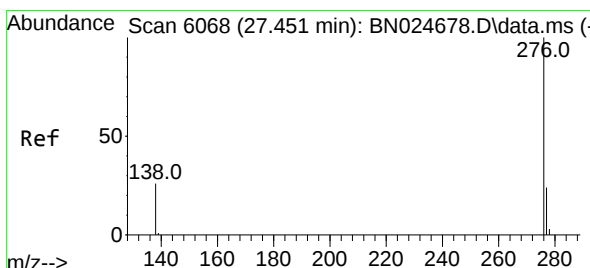
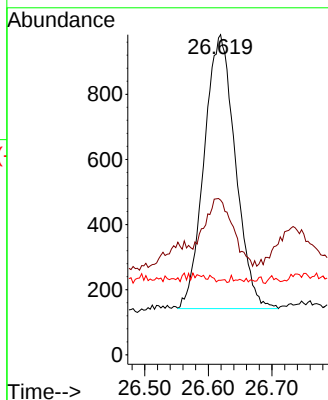
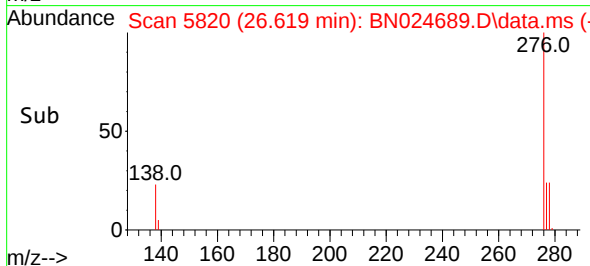


Tgt Ion:276 Resp: 286
Ion Ratio Lower Upper
276 100
138 25.0 24.6 36.8
227 0.1 0.1 0.1

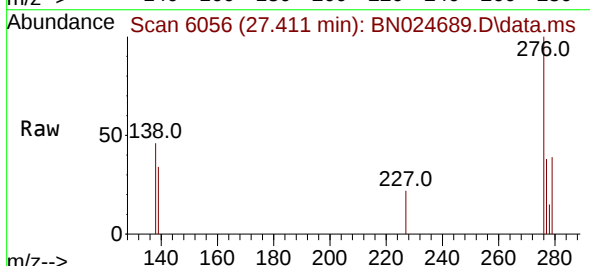
Manual Integrations

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#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 27.411 min Scan# 6056
Delta R.T. -0.040 min
Lab File: BN024689.D
Acq: 31 Mar 2023 21:08



Tgt Ion:276 Resp: 3252
Ion Ratio Lower Upper
276 100
138 46.3 21.4 32.2#
277 37.5 19.8 29.6#

