

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024503.D
 Acq On : 23 Mar 2023 06:05
 Operator : CG/JU
 Sample : 01947-09RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB937RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023
 Supervised By : Jagrut Upadhyay 03/23/2023

Quant Time: Mar 23 06:44:51 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 03:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	10058	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	29634	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	17827	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37524	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	29937	0.400	ng/ul	# 0.00
23) Perylene-d12	24.082	264	33457	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	49366	4.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	13909	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	35800	0.449	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.894	128	13345	0.180	ng/ul	97
7) 2-Methylnaphthalene	12.495	142	4668	0.104	ng/ul	96
8) 1-Methylnaphthalene	12.715	142	5962	0.126	ng/ul	99
10) Acenaphthylene	14.384	152	5822	0.078	ng/ul#	75
11) Acenaphthene	14.726	153	201777	3.521	ng/ul	96
12) Fluorene	15.707	166	61194	0.956	ng/ul	97
15) Phenanthrene	17.447	178	18596	0.173	ng/ul#	86
16) Anthracene	17.540	178	14731	0.156	ng/ul#	77
19) Fluoranthene	19.459	202	48951	0.411	ng/ul#	92
20) Pyrene	19.827	202	48681m	0.403	ng/ul	
21) Benzo(a)anthracene	21.580	228	18227	0.187	ng/ul#	81
22) Chrysene	21.633	228	18164	0.176	ng/ul#	79
24) Benzo(b)fluoranthene	23.322	252	25711m	0.201	ng/ul	
25) Benzo(k)fluoranthene	23.366	252	7058m	0.053	ng/ul	
26) Benzo(a)pyrene	23.971	252	16415	0.149	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.670	276	10631	0.086	ng/ul#	100
29) Benzo(g,h,i)perylene	27.472	276	10385	0.097	ng/ul#	47

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

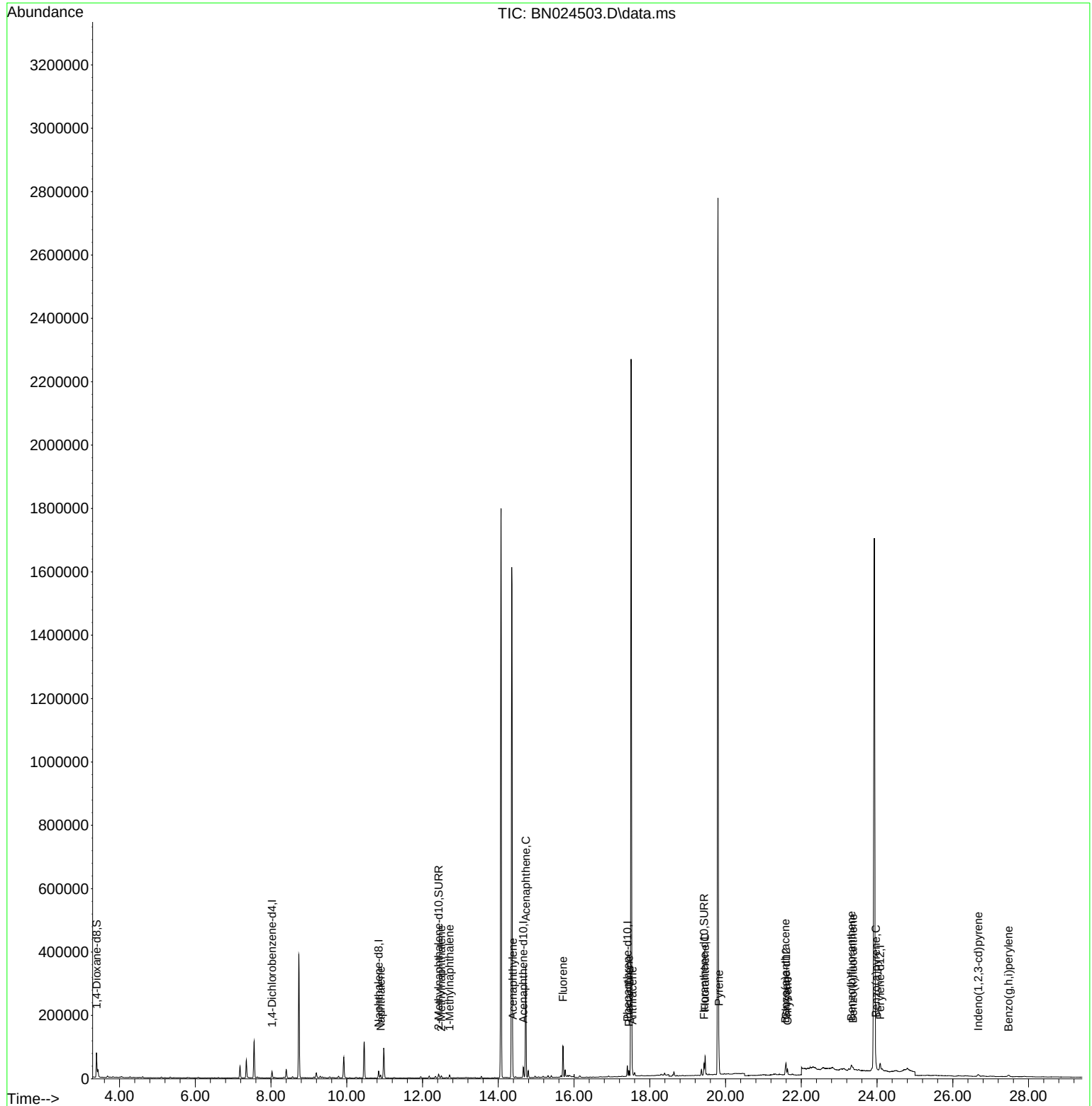
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024503.D
Acq On : 23 Mar 2023 06:05
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Sample : 01947-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

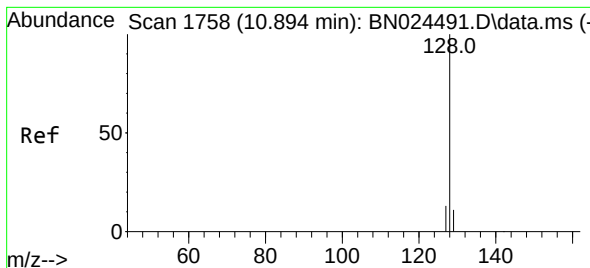
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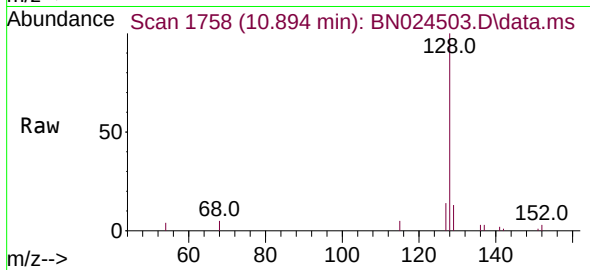
Quant Time: Mar 23 06:44:51 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 03:32:22 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.180 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

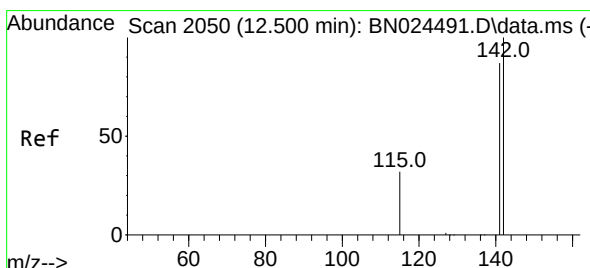
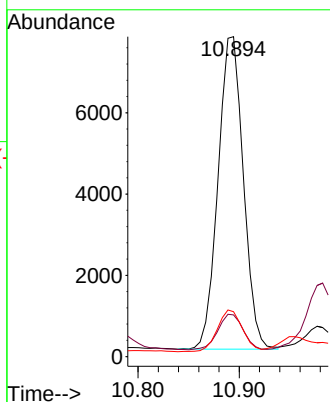
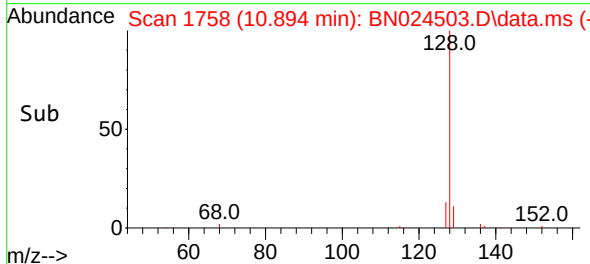
Instrument :
BNA_N
ClientSampleId :
CB937RE



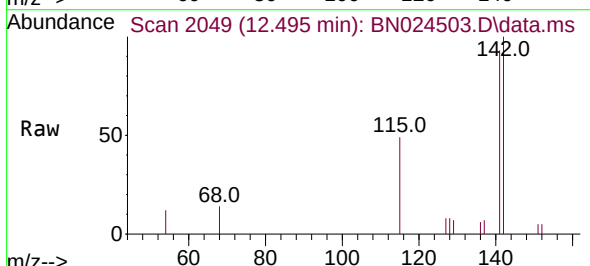
Tgt Ion:128 Resp: 13345
Ion Ratio Lower Upper
128 100
129 13.1 9.0 13.6
127 14.0 10.5 15.7

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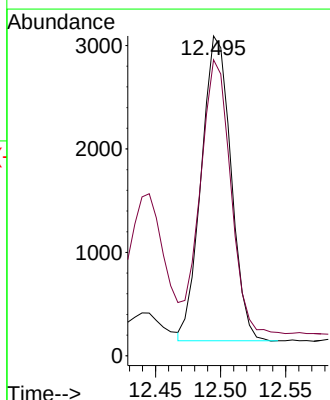
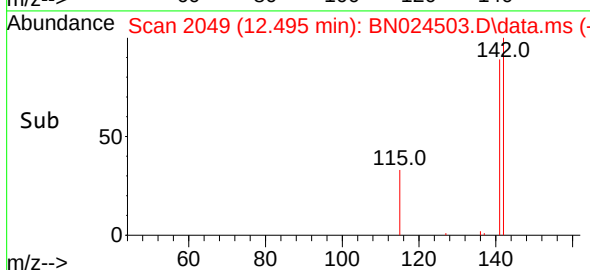
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

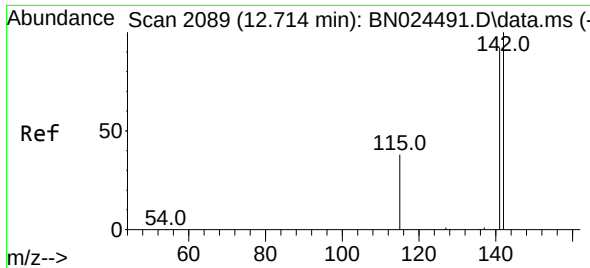


#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.495 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05



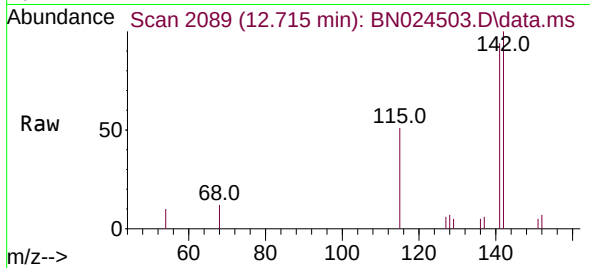
Tgt Ion:142 Resp: 4668
Ion Ratio Lower Upper
142 100
141 91.8 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 12.715 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

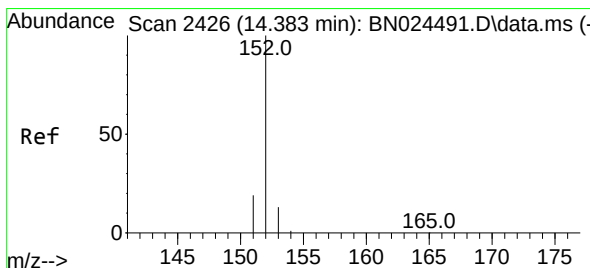
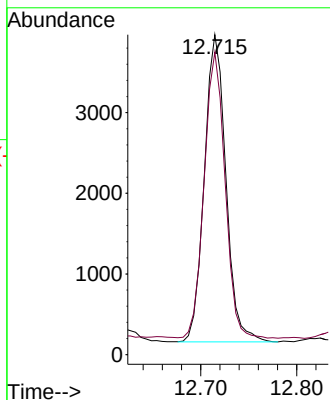
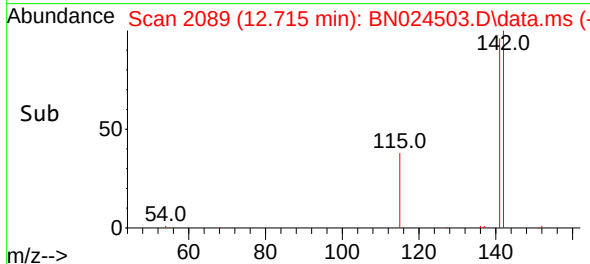
Instrument :
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Tgt Ion:142 Resp: 5962
Ion Ratio Lower Upper
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141 90.2 73.0 109.6

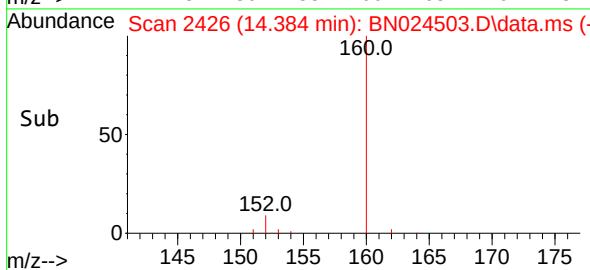
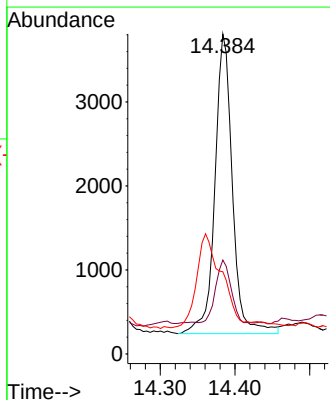
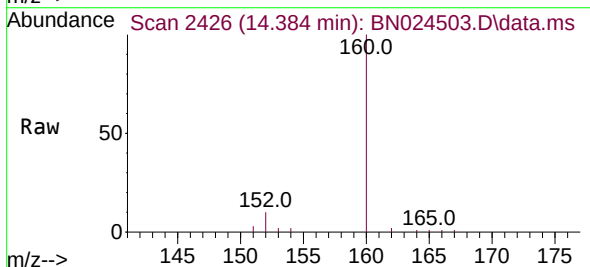
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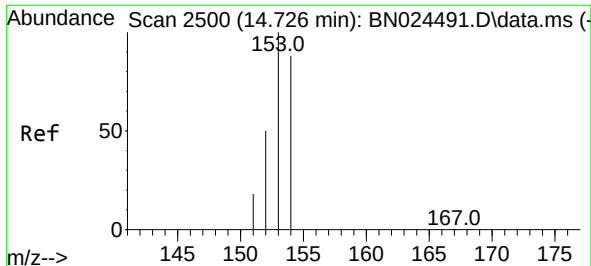
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.384 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

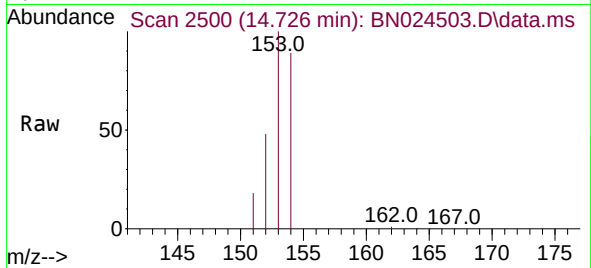
Tgt Ion:152 Resp: 5822
Ion Ratio Lower Upper
152 100
151 29.3 15.9 23.9#
153 25.7 10.6 16.0#





#11
Acenaphthene
Concen: 3.521 ng/u1
RT: 14.726 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

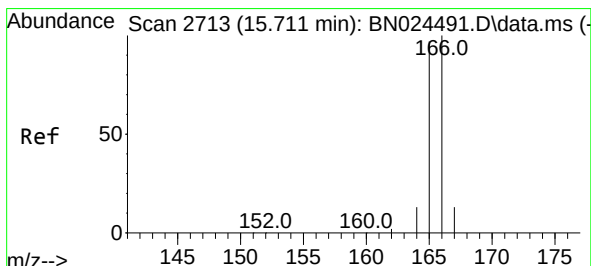
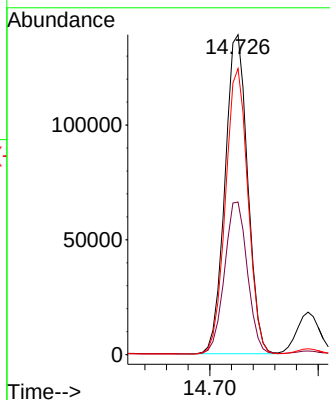
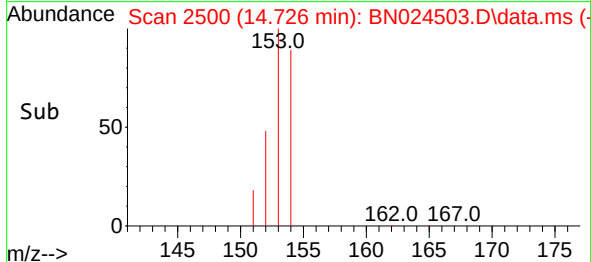
Instrument :
BNA_N
ClientSampleId :
CB937RE



Tgt Ion:153 Resp: 20177
Ion Ratio Lower Upper
153 100
152 47.7 42.6 64.0
154 89.4 70.6 105.8

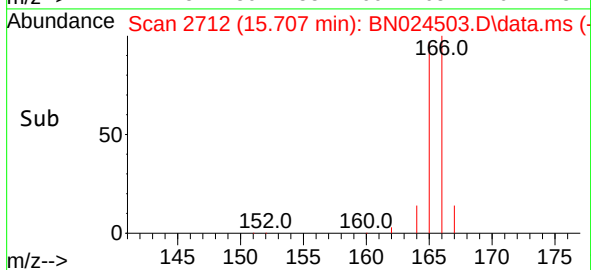
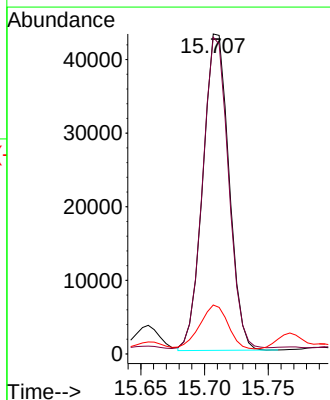
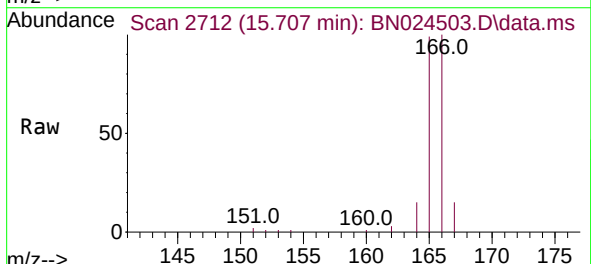
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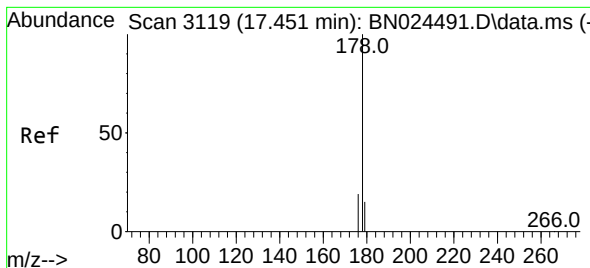
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#12
Fluorene
Concen: 0.956 ng/u1
RT: 15.707 min Scan# 2712
Delta R.T. -0.004 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

Tgt Ion:166 Resp: 61194
Ion Ratio Lower Upper
166 100
165 99.0 77.4 116.0
167 15.3 10.9 16.3





#15

Phenanthrene

Concen: 0.173 ng/ul

RT: 17.447 min Scan# 3119

Delta R.T. -0.004 min

Lab File: BN024503.D

Acq: 23 Mar 2023 06:05

Instrument :

BNA_N

ClientSampleId :

CB937RE

Tgt Ion:178 Resp: 18596

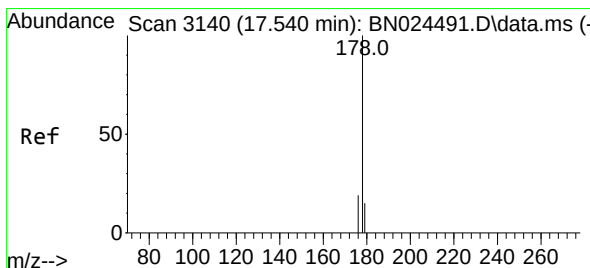
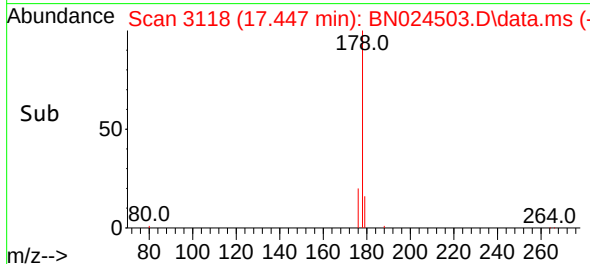
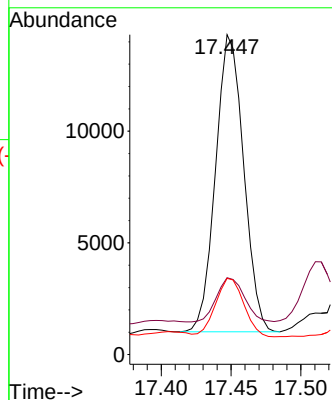
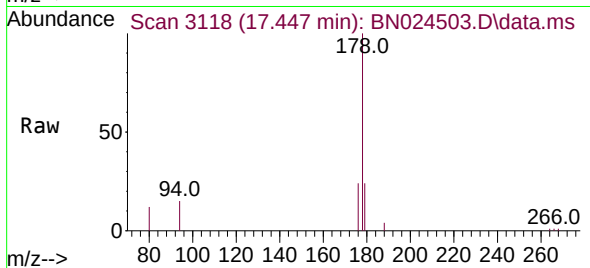
Ion	Ratio	Lower	Upper
178	100		
179	24.0	12.2	18.2
176	23.8	15.7	23.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023



#16

Anthracene

Concen: 0.156 ng/ul

RT: 17.540 min Scan# 3140

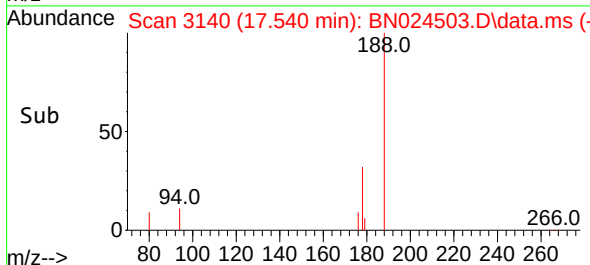
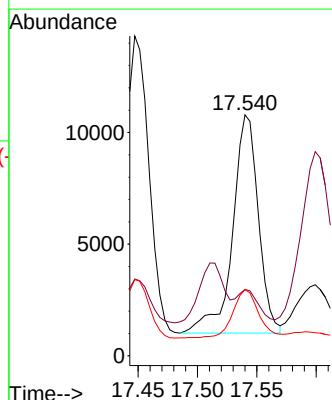
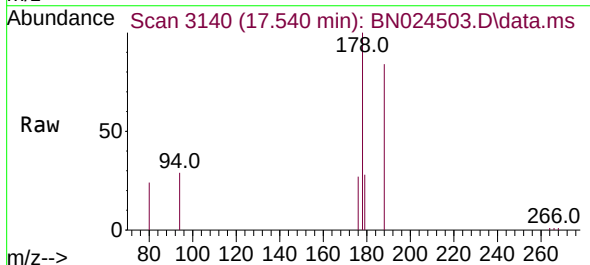
Delta R.T. 0.000 min

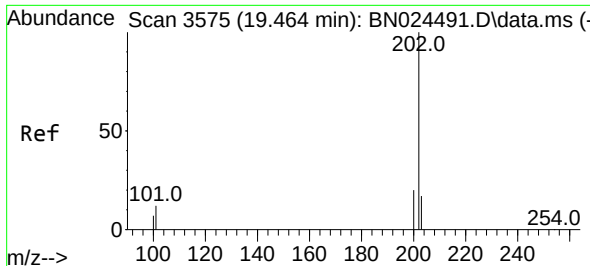
Lab File: BN024503.D

Acq: 23 Mar 2023 06:05

Tgt Ion:178 Resp: 14731

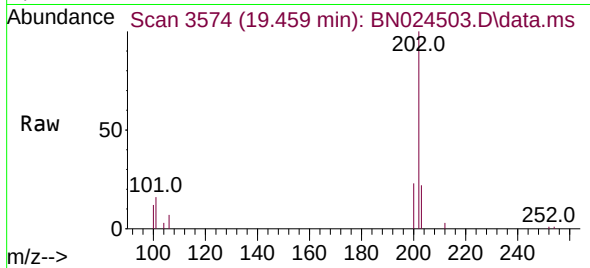
Ion	Ratio	Lower	Upper
178	100		
179	27.6	12.3	18.5
176	27.4	15.3	22.9





#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.459 min Scan# 3574
Delta R.T. -0.004 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

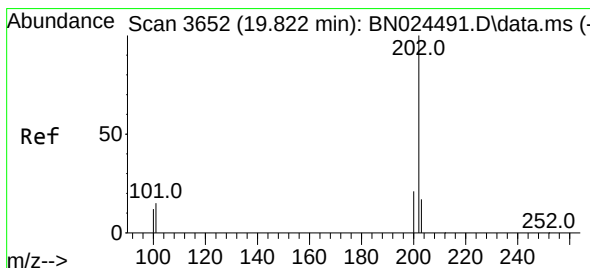
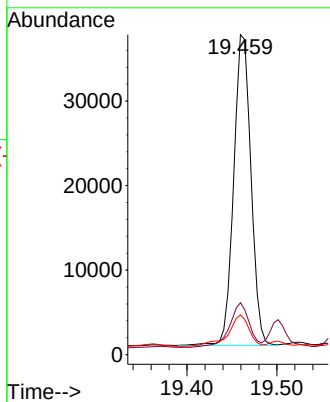
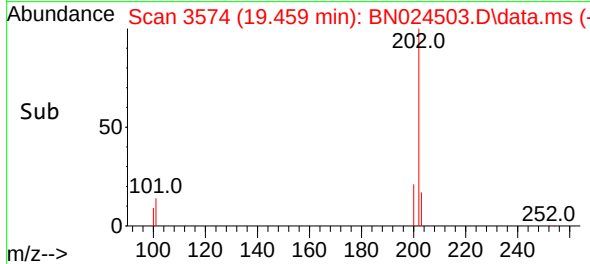
Instrument :
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ClientSampleId :
CB937RE



Tgt Ion:202 Resp: 48951
Ion Ratio Lower Upper
202 100
101 16.2 10.4 15.6
100 12.4 7.7 11.5

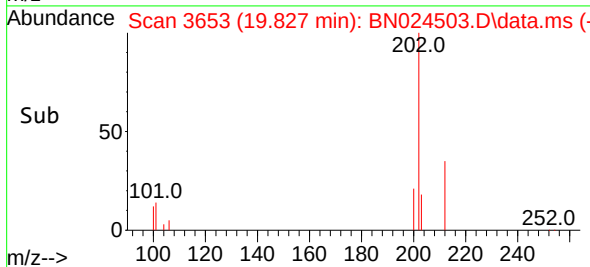
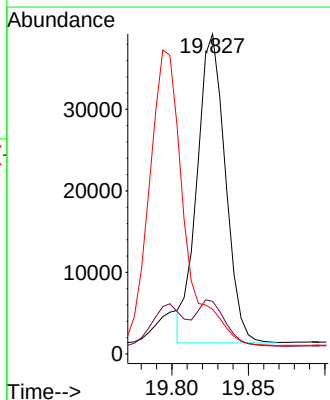
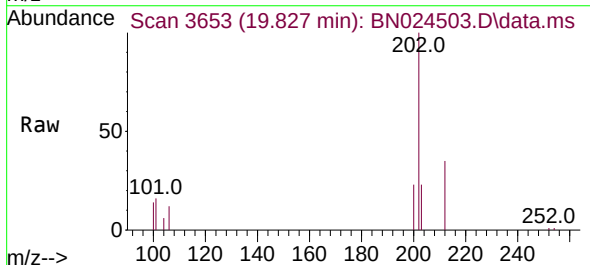
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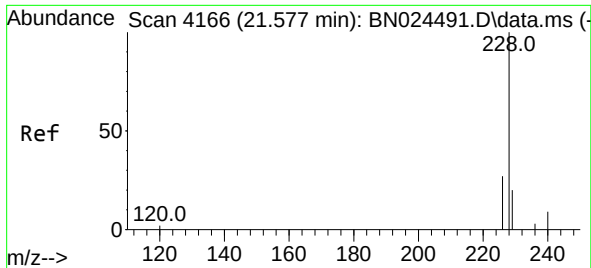
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#20
Pyrene
Concen: 0.403 ng/ul m
RT: 19.827 min Scan# 3653
Delta R.T. 0.005 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

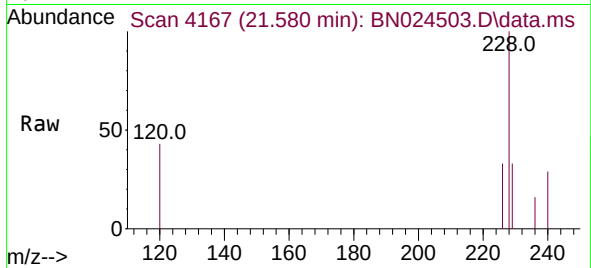
Tgt Ion:202 Resp: 48681
Ion Ratio Lower Upper
202 100
101 16.5 12.1 18.1
100 13.9 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.187 ng/ul
RT: 21.580 min Scan# 4166
Delta R.T. 0.003 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

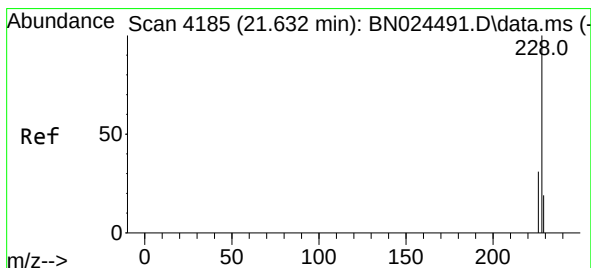
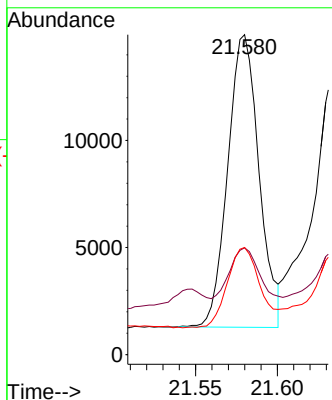
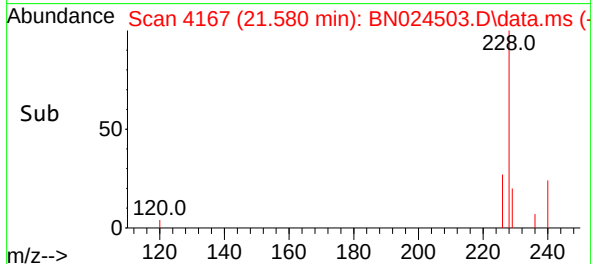
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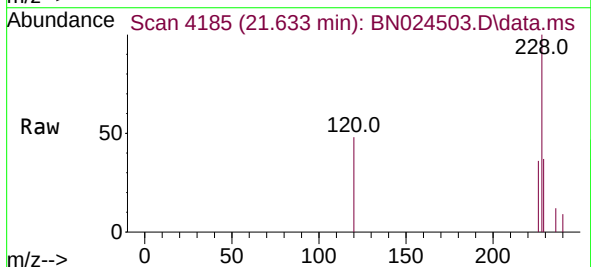
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Ion Ratio Lower Upper
228 100
229 33.4 15.8 23.6
226 33.5 22.2 33.4

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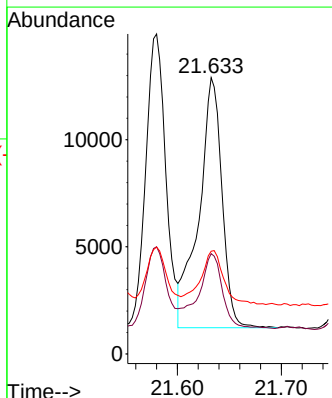
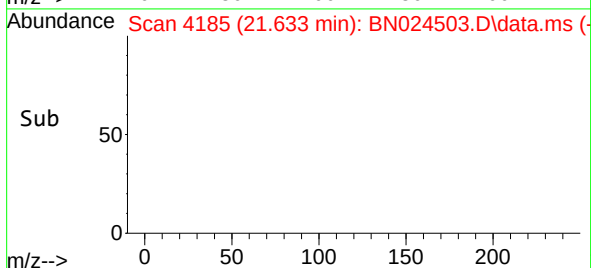
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

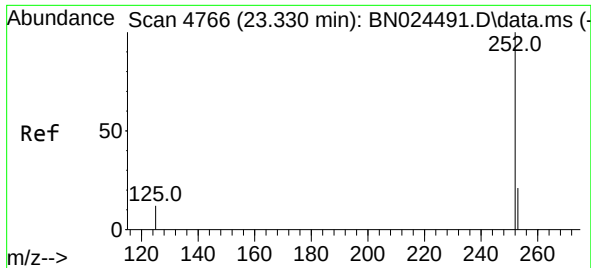


#22
Chrysene
Concen: 0.176 ng/ul
RT: 21.633 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05



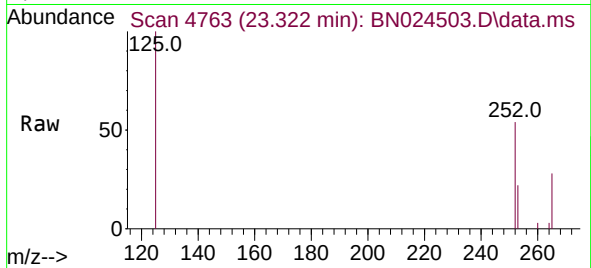
Tgt Ion:228 Resp: 18164
Ion Ratio Lower Upper
228 100
226 36.3 24.8 37.2
229 37.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.201 ng/ul m
RT: 23.322 min Scan# 4763
Delta R.T. -0.008 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

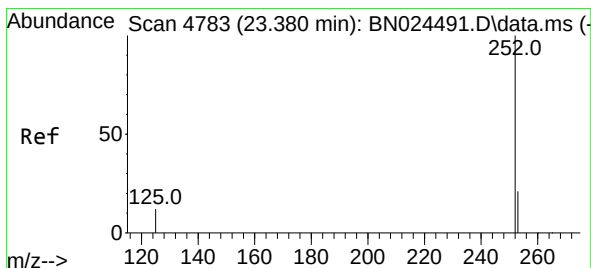
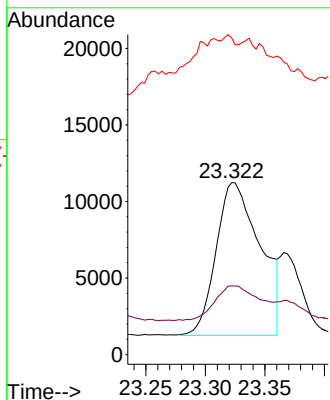
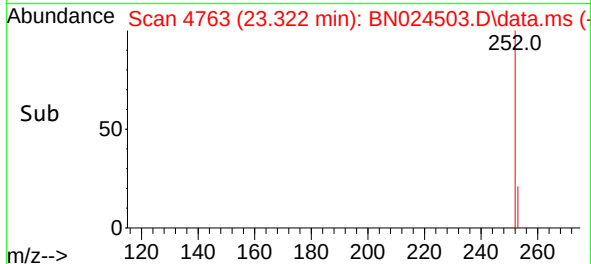
Instrument :
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ClientSampleId :
CB937RE



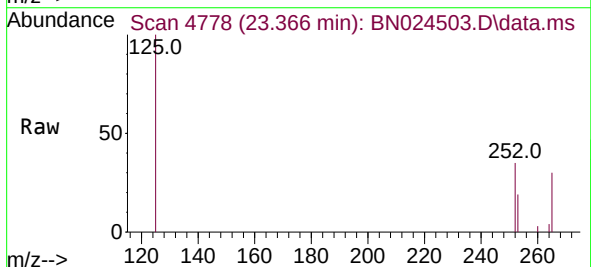
Tgt Ion:252 Resp: 25711
Ion Ratio Lower Upper
252 100
253 40.0 0.0 46.2
125 184.2 0.0 34.0

Manual Integrations
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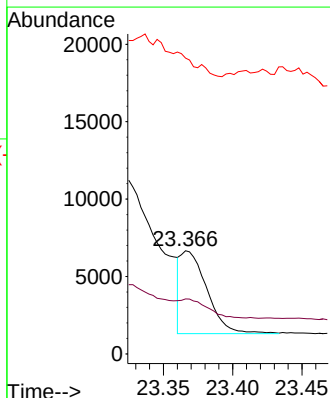
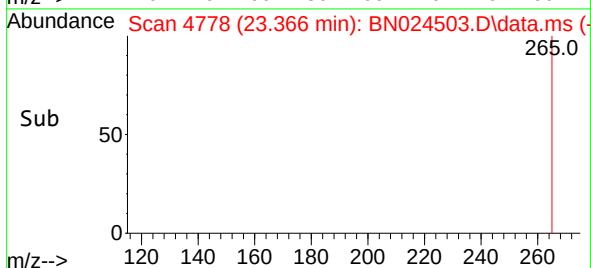
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

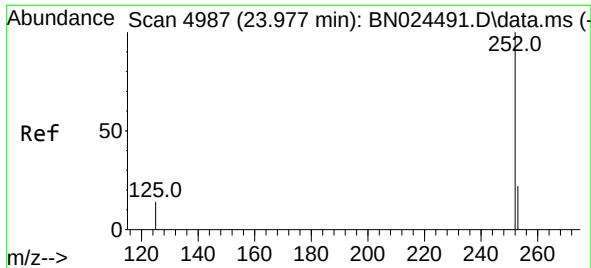


#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 23.366 min Scan# 4778
Delta R.T. -0.014 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05



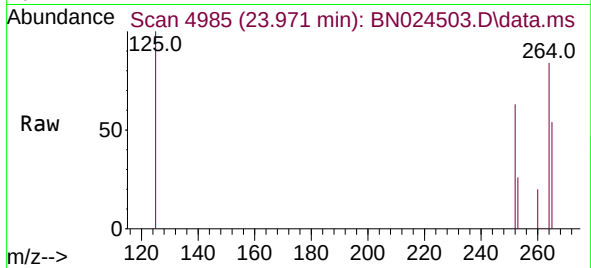
Tgt Ion:252 Resp: 7058
Ion Ratio Lower Upper
252 100
253 53.3 18.5 27.7#
125 286.8 13.2 19.8#





#26
Benzo(a)pyrene
Concen: 0.149 ng/ul
RT: 23.971 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

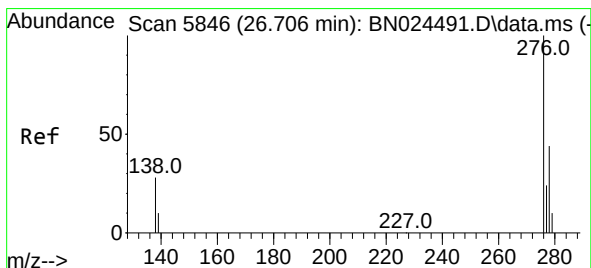
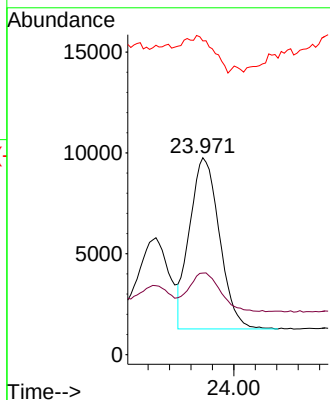
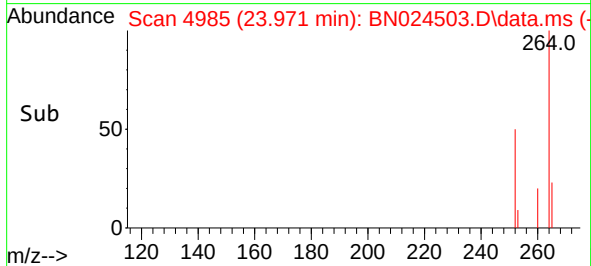
Instrument :
BNA_N
ClientSampleId :
CB937RE



Tgt Ion:252 Resp: 16415
Ion Ratio Lower Upper
252 100
253 41.4 19.2 28.8
125 159.3 15.8 23.6

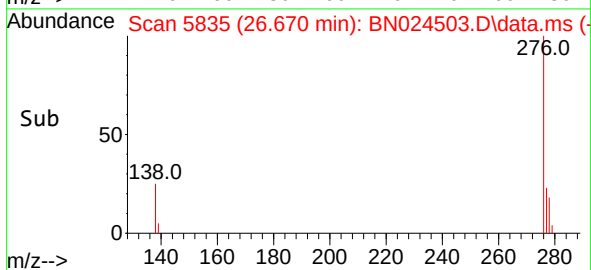
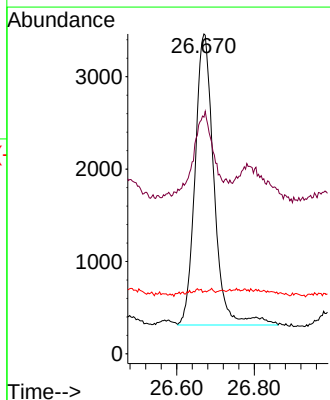
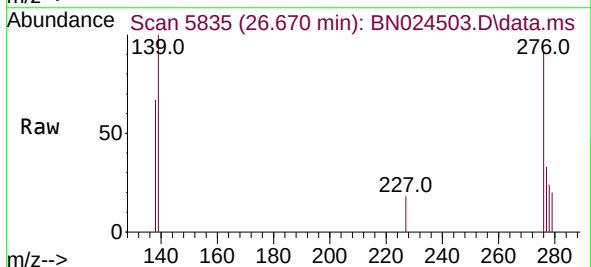
Manual Integrations
APPROVED

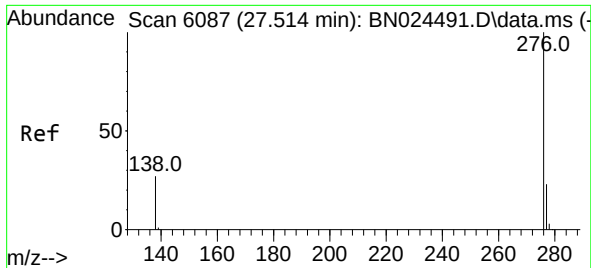
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.670 min Scan# 5835
Delta R.T. -0.036 min
Lab File: BN024503.D
Acq: 23 Mar 2023 06:05

Tgt Ion:276 Resp: 10631
Ion Ratio Lower Upper
276 100
138 33.4 0.0 0.0
227 0.0 0.0 0.0





#29

Benzo(g,h,i)perylene

Concen: 0.097 ng/ul

RT: 27.472 min Scan# 60

Delta R.T. -0.043 min

Lab File: BN024503.D

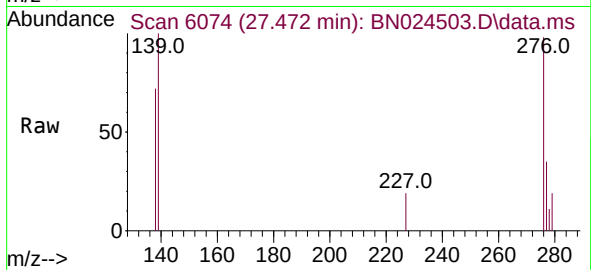
Acq: 23 Mar 2023 06:05

Instrument :

BNA_N

ClientSampleId :

CB937RE



Tgt Ion:276 Resp: 10385

Ion Ratio Lower Upper

276 100

138 73.3 25.2 37.8

277 35.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2023

Supervised By :Jagrut Upadhyay 03/23/2023

