

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024237.D
 Acq On : 10 Mar 2023 15:10
 Operator : CG/JU
 Sample : 01784-17DL 5X
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCAD3DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

Quant Time: Mar 11 00:08:36 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 : Fri Mar 10 03:43:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6398	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18988	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	10380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	20998	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	16487	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	14342	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	2801	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	1883m	0.083	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	3527	0.080	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.916	128	12759	0.269	ng/ul	98
7) 2-Methylnaphthalene	12.522	142	7802	0.271	ng/ul	100
8) 1-Methylnaphthalene	12.742	142	7984	0.264	ng/ul	100
10) Acenaphthylene	14.407	152	13635	0.315	ng/ul	99
11) Acenaphthene	14.744	153	9145	0.274	ng/ul	99
12) Fluorene	15.730	166	10942	0.294	ng/ul	98
14) Pentachlorophenol	17.076	266	5864	1.005	ng/ul#	73
15) Phenanthrene	17.472	178	17732	0.295	ng/ul	99
16) Anthracene	17.561	178	19553	0.371	ng/ul	99
19) Fluoranthene	19.483	202	19581	0.298	ng/ul	99
20) Pyrene	19.845	202	24181	0.363	ng/ul	99
21) Benzo(a)anthracene	21.600	228	15562	0.289	ng/ul	100
22) Chrysene	21.659	228	17584	0.309	ng/ul	99
24) Benzo(b)fluoranthene	23.360	252	16536	0.302	ng/ul	96
25) Benzo(k)fluoranthene	23.416	252	16734	0.294	ng/ul	96
26) Benzo(a)pyrene	24.015	252	17573m	0.373	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.767	276	14998	0.283	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.787	278	10774	0.267	ng/ul	98
29) Benzo(g,h,i)perylene	27.582	276	14201	0.308	ng/ul	98

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

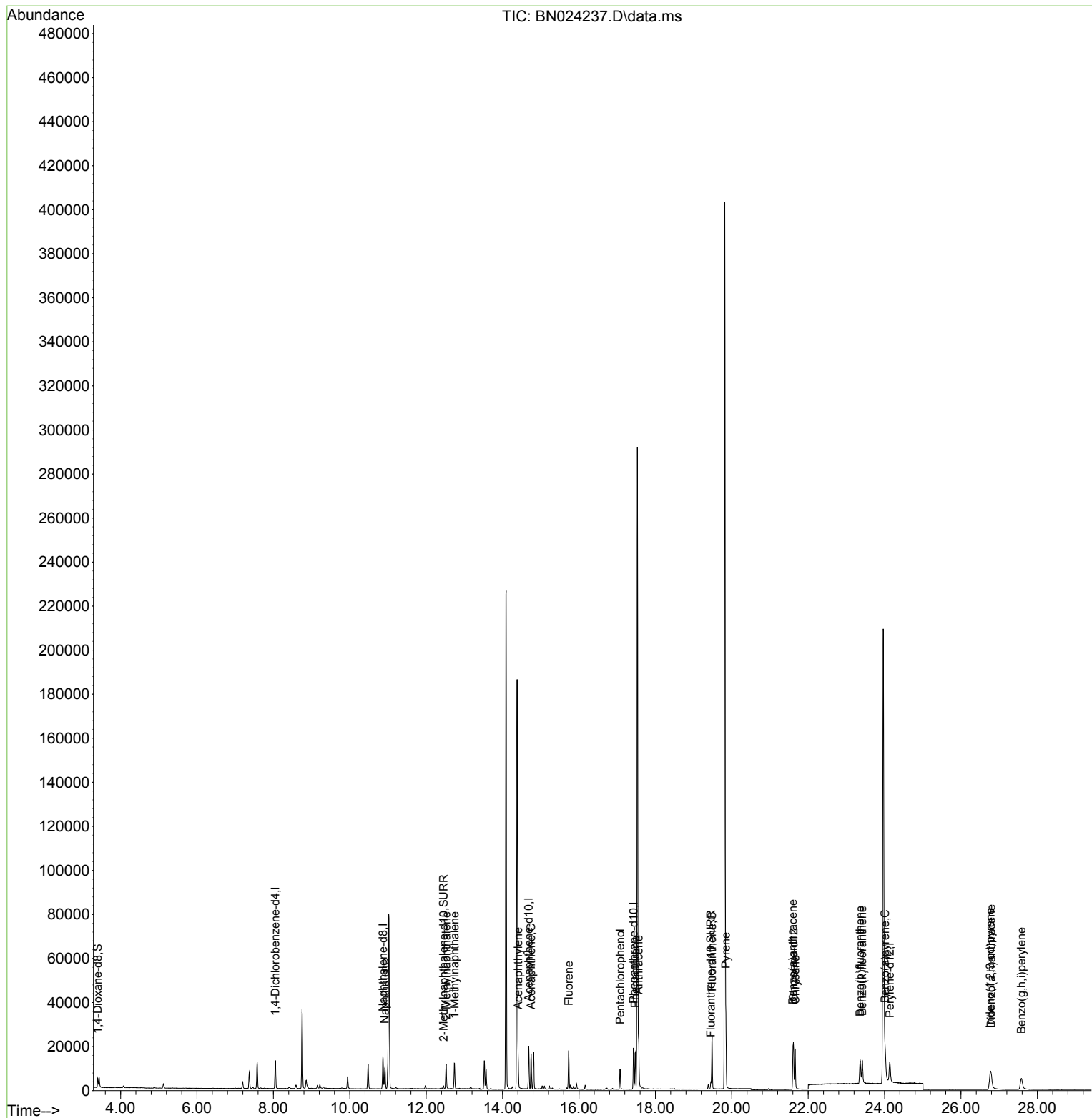
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024237.D
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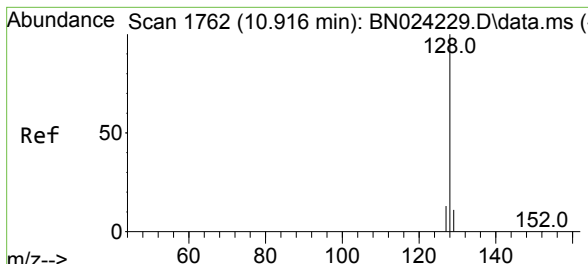
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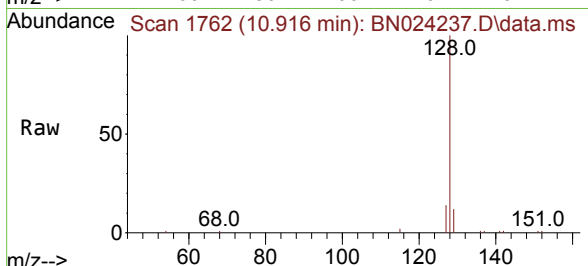
#5
Naphthalene
Concen: 0.269 ng/ul
RT: 10.916 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Instrument :

BNA_N

ClientSampleId :

DCAD3DL



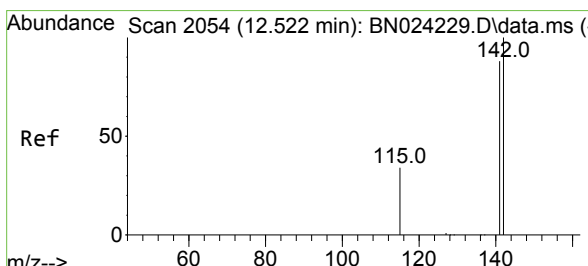
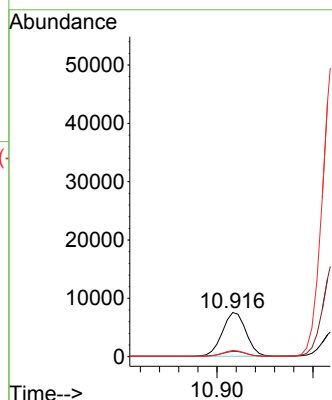
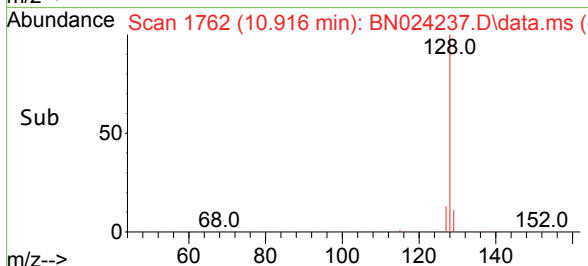
Tgt Ion:128 Resp: 12759

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.1	10.5	15.7

Manual Integrations

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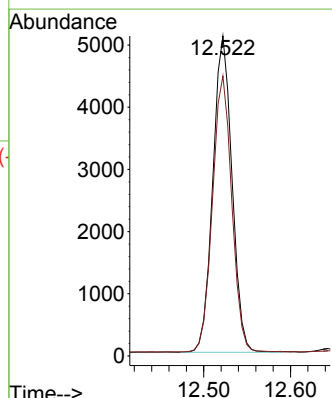
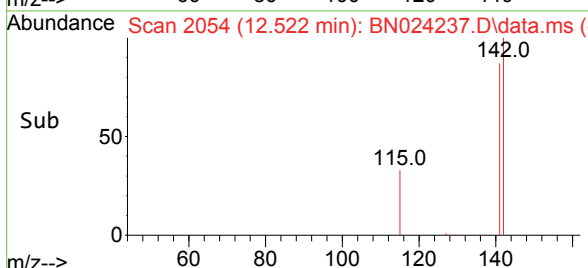
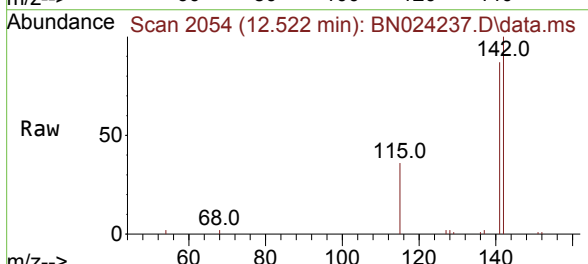
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Supervised By :Jagrut Upadhyay 03/13/2023

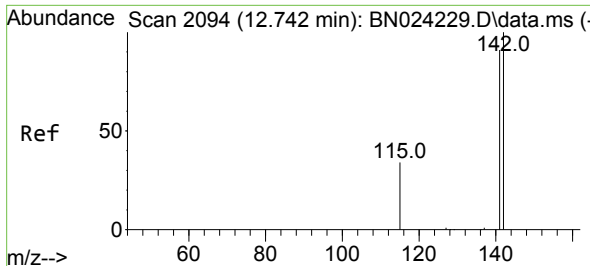


#7
2-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.522 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:142 Resp: 7802

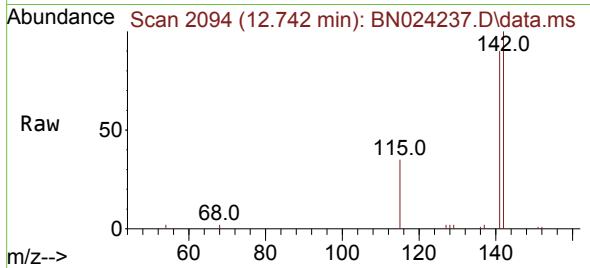
Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5





#8
1-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

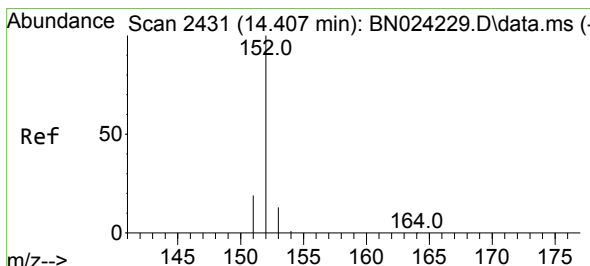
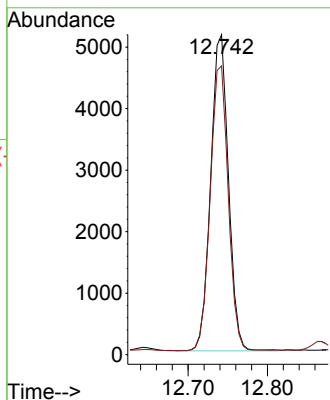
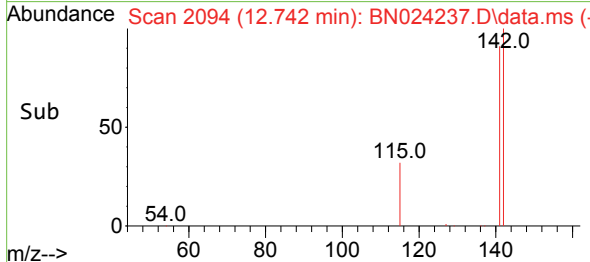
Instrument :
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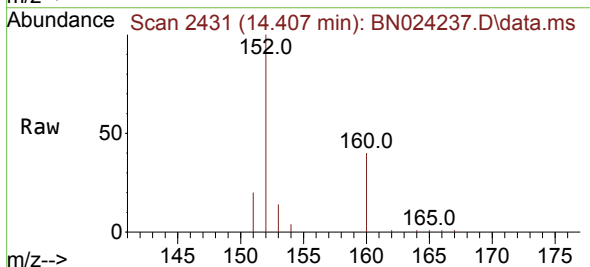
Tgt Ion:142 Resp: 7984
Ion Ratio Lower Upper
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141 91.1 73.0 109.6

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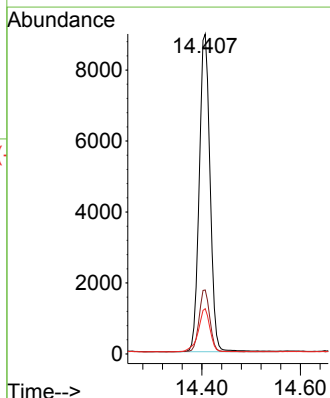
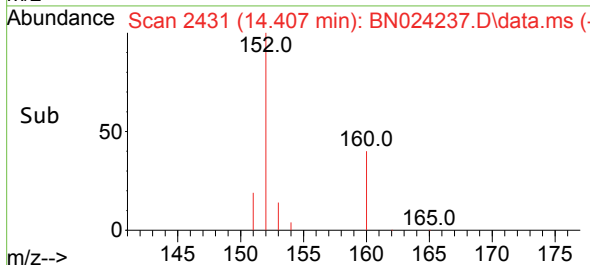
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

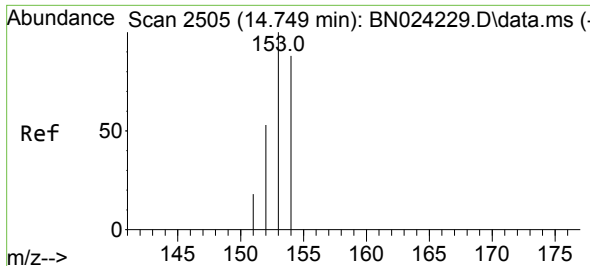


#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.407 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10



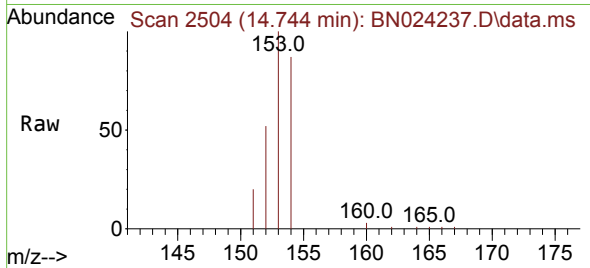
Tgt Ion:152 Resp: 13635
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.1 10.6 16.0





#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.744 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

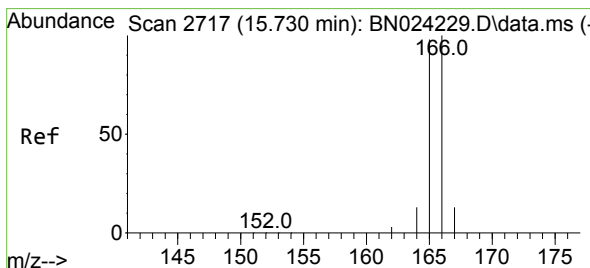
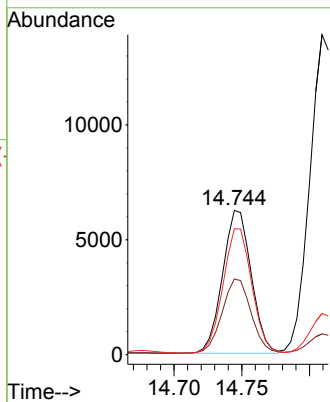
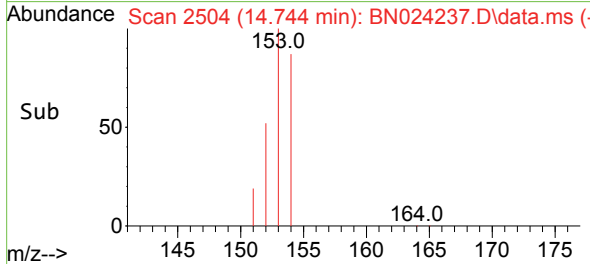
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 9145
Ion Ratio Lower Upper
153 100
152 52.4 42.6 64.0
154 87.2 70.6 105.8

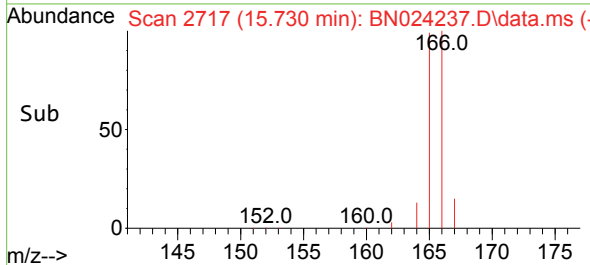
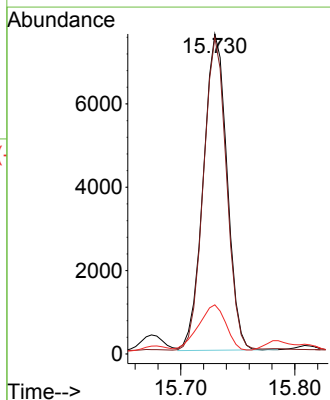
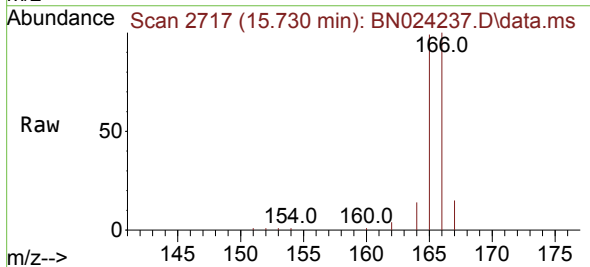
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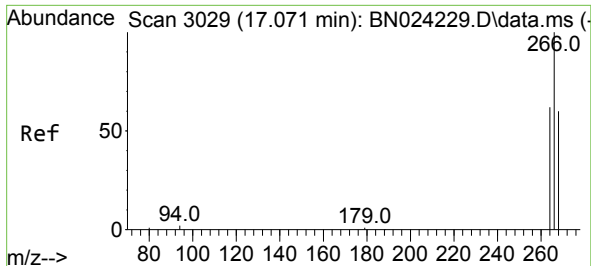
Reviewed By :Christian Giraldo 03/13/2023
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#12
Fluorene
Concen: 0.294 ng/ul
RT: 15.730 min Scan# 2717
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

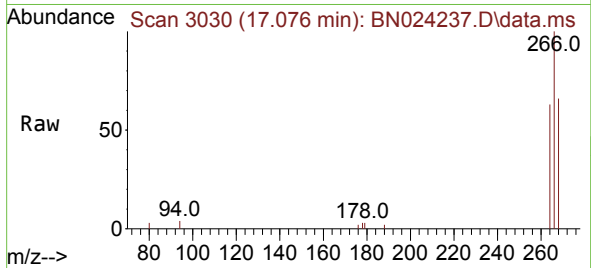
Tgt Ion:166 Resp: 10942
Ion Ratio Lower Upper
166 100
165 98.9 77.4 116.0
167 15.4 10.9 16.3





#14
Pentachlorophenol
Concen: 1.005 ng/ul
RT: 17.076 min Scan# 3029
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

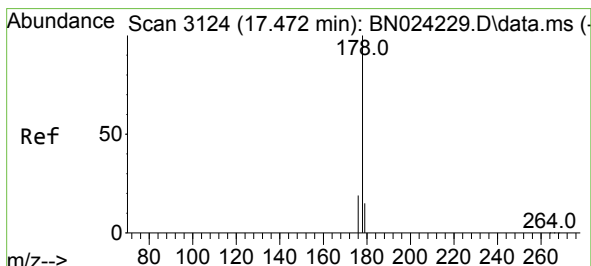
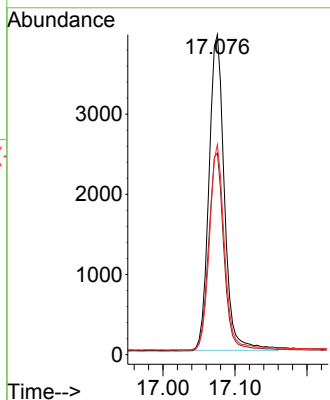
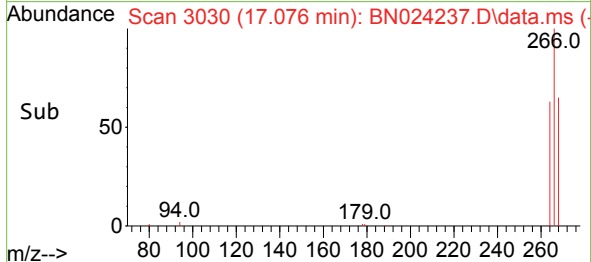
Instrument :
BNA_N
ClientSampleId :
DCAD3DL



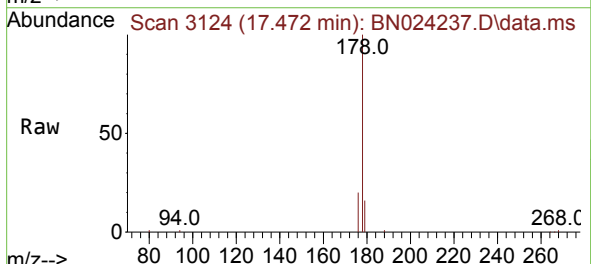
Tgt Ion:266 Resp: 5864
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0
268 63.9 0.1 0.1

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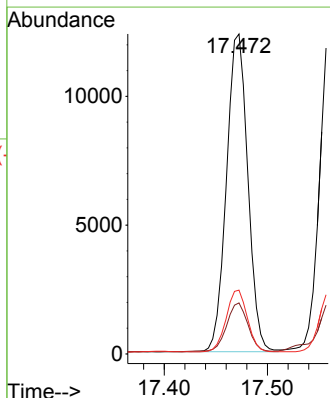
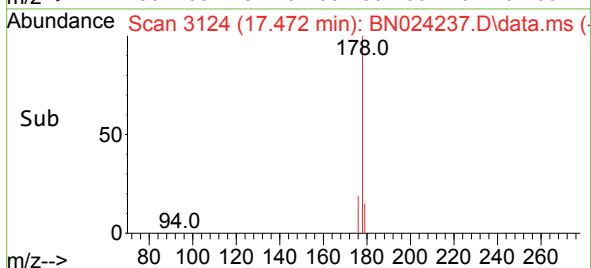
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

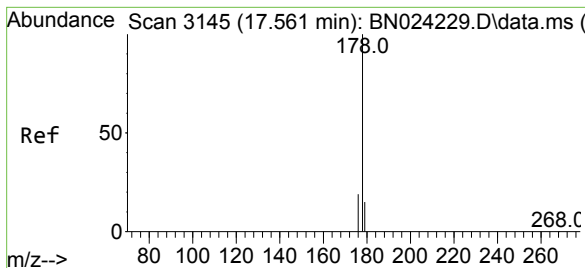


#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10



Tgt Ion:178 Resp: 17732
Ion Ratio Lower Upper
178 100
179 15.9 12.2 18.2
176 20.0 15.7 23.5





#16

Anthracene

Concen: 0.371 ng/ul

RT: 17.561 min Scan# 3145

Delta R.T. 0.000 min

Lab File: BN024237.D

Acq: 10 Mar 2023 15:10

Instrument :

BNA_N

ClientSampleId :

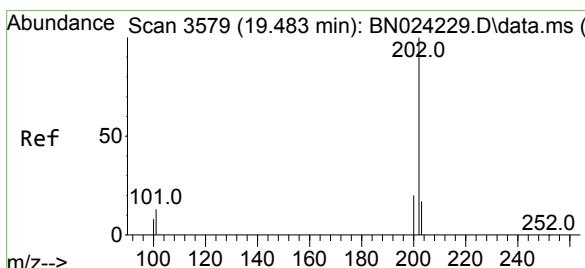
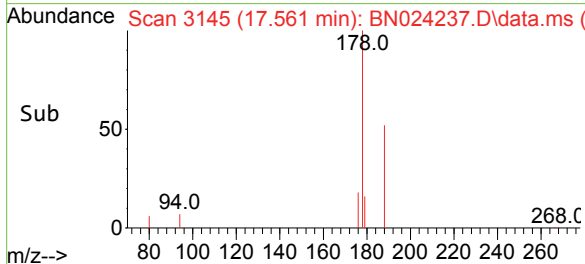
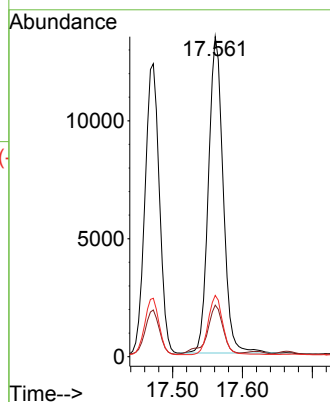
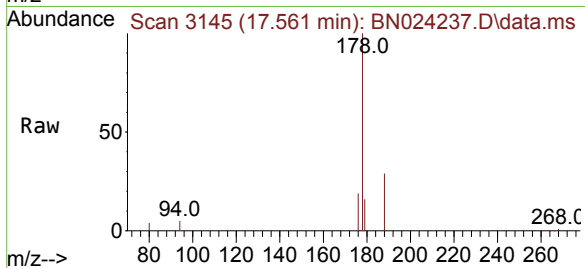
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Tgt Ion:178	Resp:	1955
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.3 18.5
176	19.2	15.3 22.9

Manual Integrations

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#19

Fluoranthene

Concen: 0.298 ng/ul

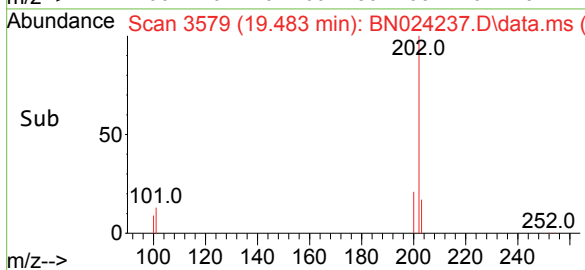
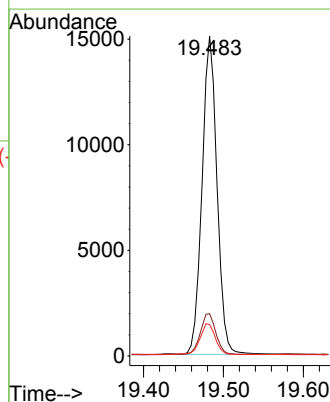
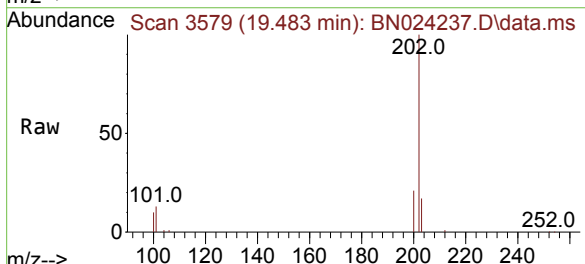
RT: 19.483 min Scan# 3579

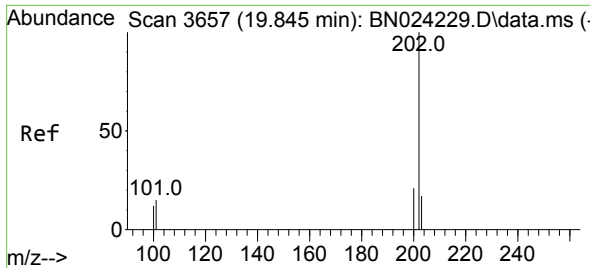
Delta R.T. 0.000 min

Lab File: BN024237.D

Acq: 10 Mar 2023 15:10

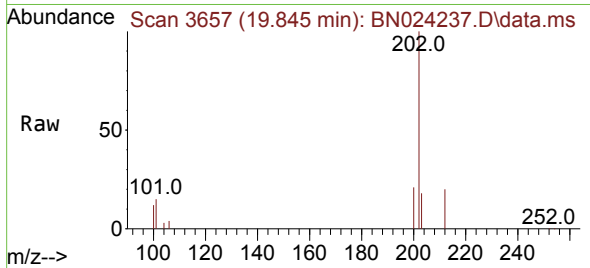
Tgt Ion:202	Resp:	19581
Ion Ratio	Lower	Upper
202	100	
101	13.2	10.4 15.6
100	9.8	7.7 11.5





#20
Pyrene
Concen: 0.363 ng/ul
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

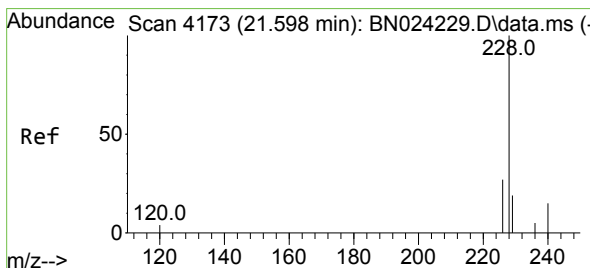
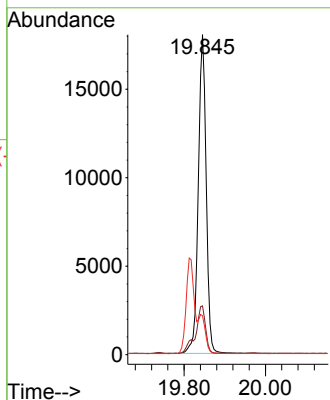
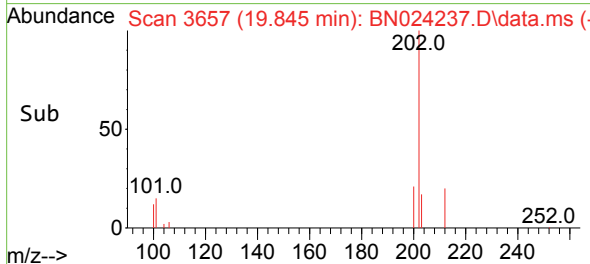
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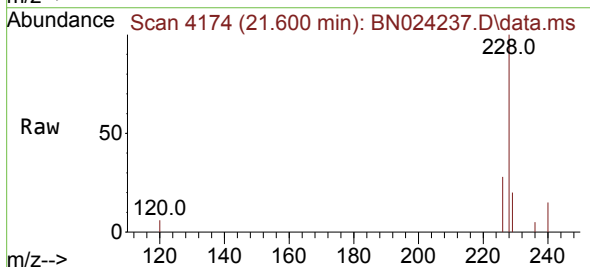
Tgt Ion:202 Resp: 2418
Ion Ratio Lower Upper
202 100
101 15.2 12.1 18.1
100 12.1 9.4 14.0

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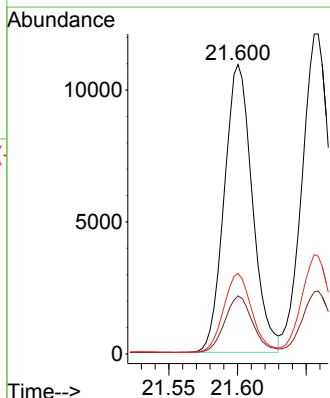
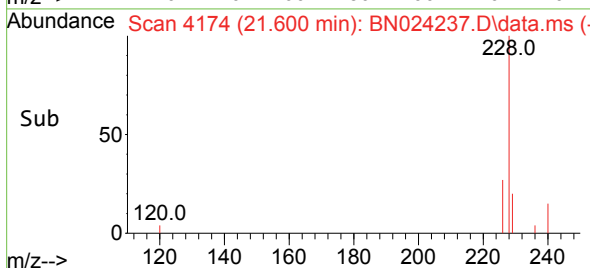
Reviewed By :Christian Giraldo 03/13/2023
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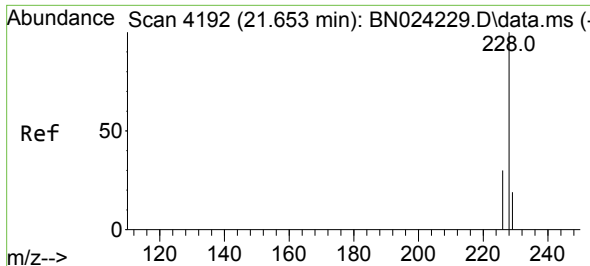


#21
Benzo(a)anthracene
Concen: 0.289 ng/ul
RT: 21.600 min Scan# 4174
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10



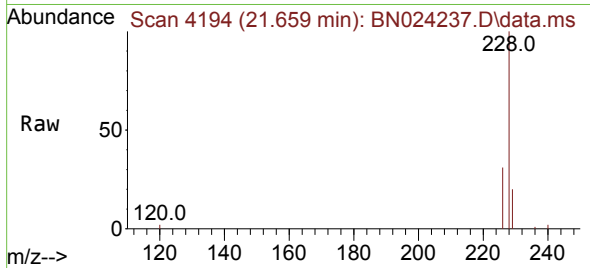
Tgt Ion:228 Resp: 15562
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 27.8 22.2 33.4





#22
Chrysene
Concen: 0.309 ng/u1
RT: 21.659 min Scan# 4194
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

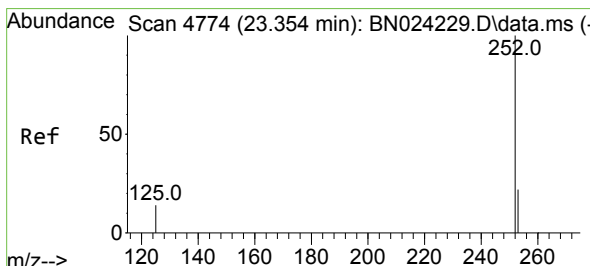
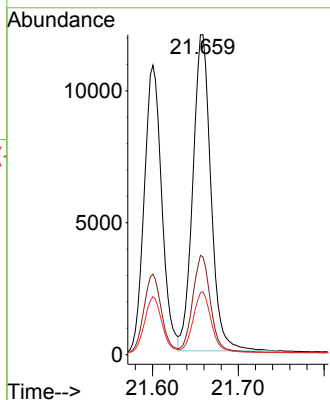
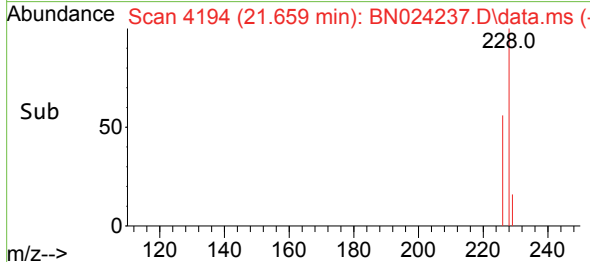
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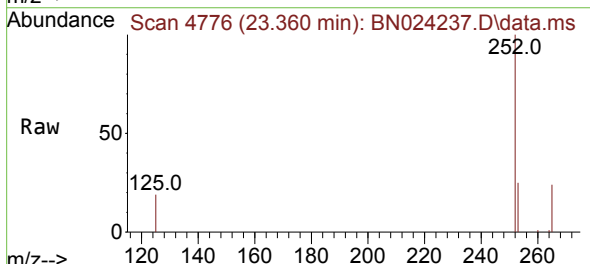
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Ion Ratio Lower Upper
228 100
226 30.5 24.8 37.2
229 19.7 15.8 23.6

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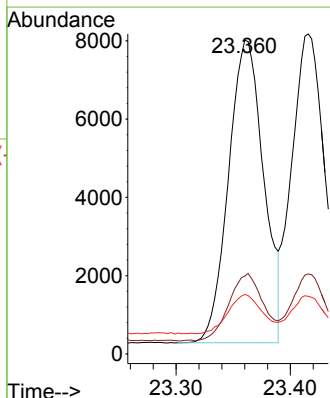
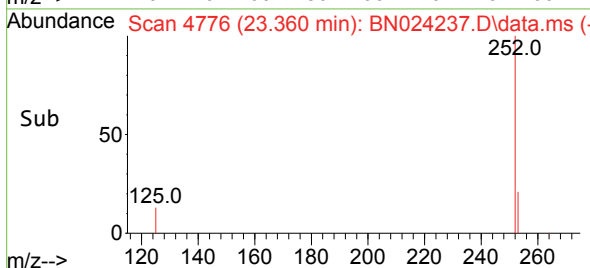
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

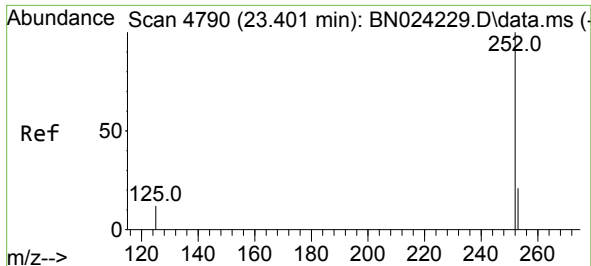


#24
Benzo(b)fluoranthene
Concen: 0.302 ng/u1
RT: 23.360 min Scan# 4776
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10



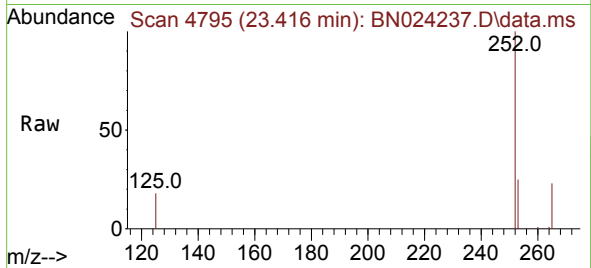
Tgt Ion:252 Resp: 16536
Ion Ratio Lower Upper
252 100
253 24.8 0.0 46.2
125 19.0 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul
RT: 23.416 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

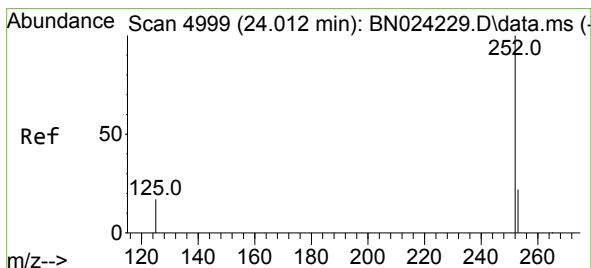
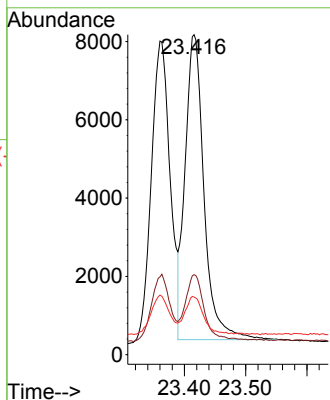
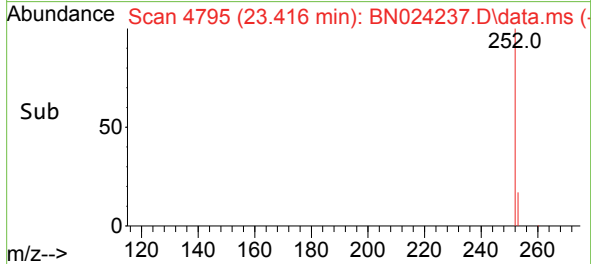
Instrument :
BNA_N
ClientSampleId :
DCAD3DL



Tgt Ion:252 Resp: 16734
Ion Ratio Lower Upper
252 100
253 25.0 18.5 27.7
125 18.0 13.2 19.8

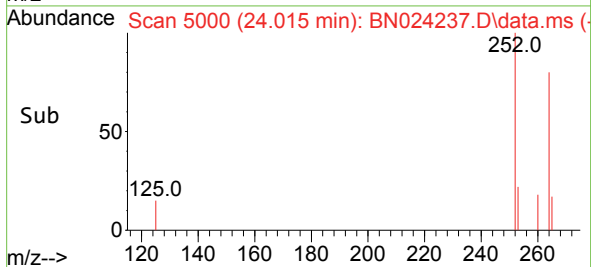
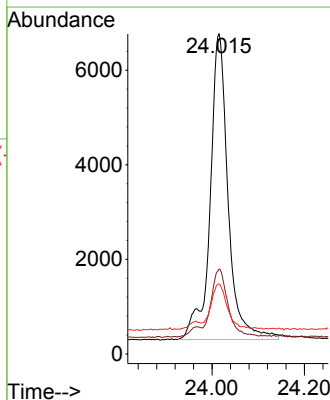
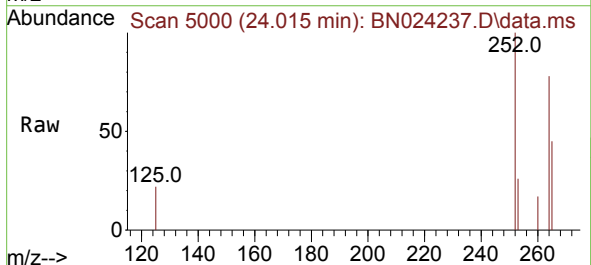
Manual Integrations
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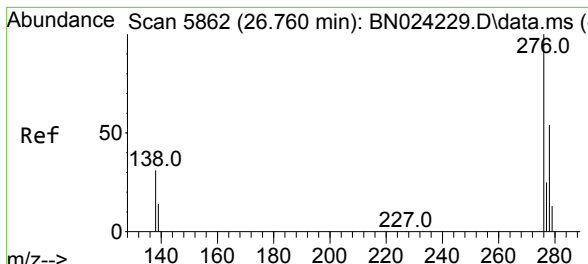
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#26
Benzo(a)pyrene
Concen: 0.373 ng/ul m
RT: 24.015 min Scan# 5000
Delta R.T. 0.009 min
Lab File: BN024237.D
Acq: 10 Mar 2023 15:10

Tgt Ion:252 Resp: 17573
Ion Ratio Lower Upper
252 100
253 26.5 19.2 28.8
125 21.9 15.8 23.6





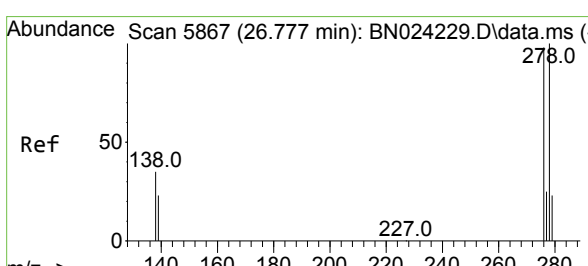
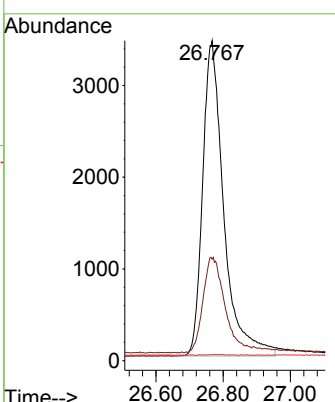
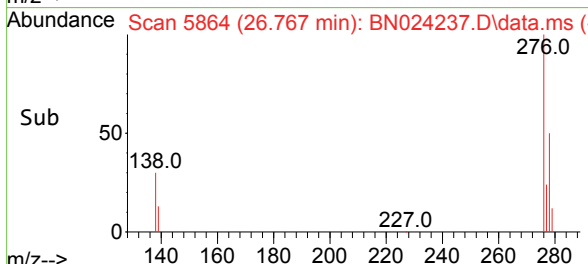
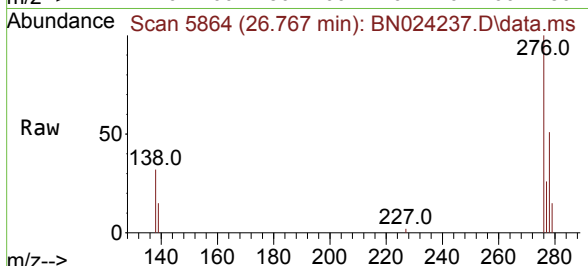
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.283 ng/ul
 RT: 26.767 min Scan# 5862
 Delta R.T. 0.010 min
 Lab File: BN024237.D
 Acq: 10 Mar 2023 15:10

Instrument : BNA_N
 ClientSampleId : DCAD3DL

Tgt Ion:	276	Resp:	14998
Ion Ratio	Lower	Upper	
276	100		
138	32.3	0.0	0.0
227	0.0	0.0	0.0

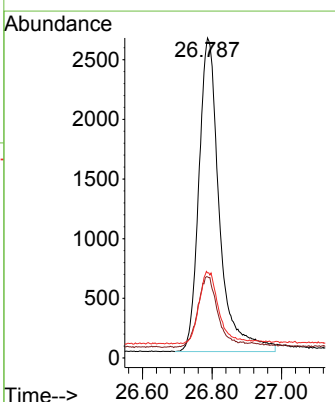
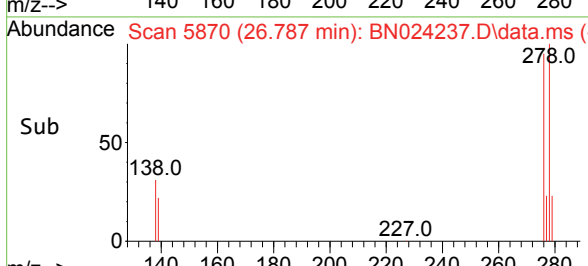
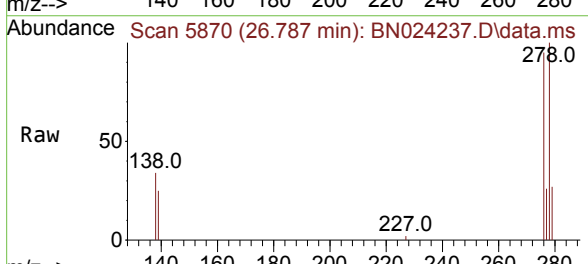
Manual Integrations
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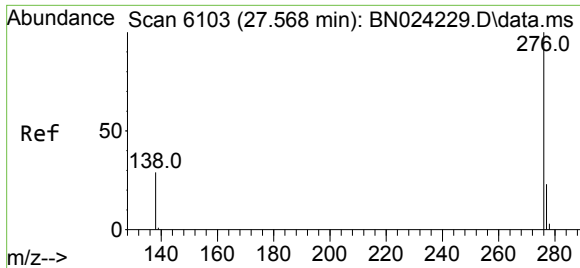
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.267 ng/ul
 RT: 26.787 min Scan# 5870
 Delta R.T. 0.003 min
 Lab File: BN024237.D
 Acq: 10 Mar 2023 15:10

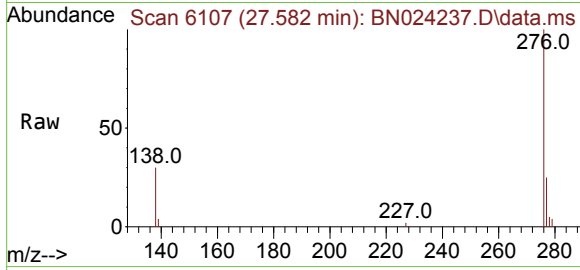
Tgt Ion:	278	Resp:	10774
Ion Ratio	Lower	Upper	
278	100		
139	25.4	21.0	31.6
279	26.6	20.4	30.6





#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 27.582 min Scan# 6107
 Delta R.T. 0.010 min
 Lab File: BN024237.D
 Acq: 10 Mar 2023 15:10

Instrument :
 BNA_N
 ClientSampleId :
 DCAD3DL



Tgt Ion:	276	Resp:	1420
Ion Ratio	Lower	Upper	
276	100		
138	30.3	25.2	37.8
277	25.4	19.4	29.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

