

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026237.D
 Acq On : 03 Jul 2023 22:27
 Operator : MA/JU
 Sample : 03246-20
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 01:04:33 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	9415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	29570	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	17894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	37087	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	20345	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	22776	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	30969	2.921	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10057	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	21226	0.274	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	3843	0.045	ng/ul#	90
7) 2-Methylnaphthalene	12.425	142	2538	0.047	ng/ul	97
8) 1-Methylnaphthalene	12.645	142	1916	0.034	ng/ul	100
10) Acenaphthylene	14.320	152	6399	0.076	ng/ul#	92
11) Acenaphthene	14.658	153	1756	0.026	ng/ul	93
12) Fluorene	15.643	166	1743	0.022	ng/ul#	91
15) Phenanthrene	17.385	178	50555	0.413	ng/ul	99
16) Anthracene	17.478	178	13315	0.122	ng/ul#	91
19) Fluoranthene	19.405	202	158779	1.461	ng/ul	95
20) Pyrene	19.767	202	131601	1.164	ng/ul	96
21) Benzo(a)anthracene	21.517	228	67270	0.802	ng/ul	95
22) Chrysene	21.573	228	77143	0.883	ng/ul#	90
24) Benzo(b)fluoranthene	23.250	252	127433m	1.311	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	37049m	0.380	ng/ul	
26) Benzo(a)pyrene	23.899	252	83944	0.994	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.608	276	62983	0.683	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.611	278	16426	0.235	ng/ul#	77
29) Benzo(g,h,i)perylene	27.409	276	59249	0.722	ng/ul	96

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

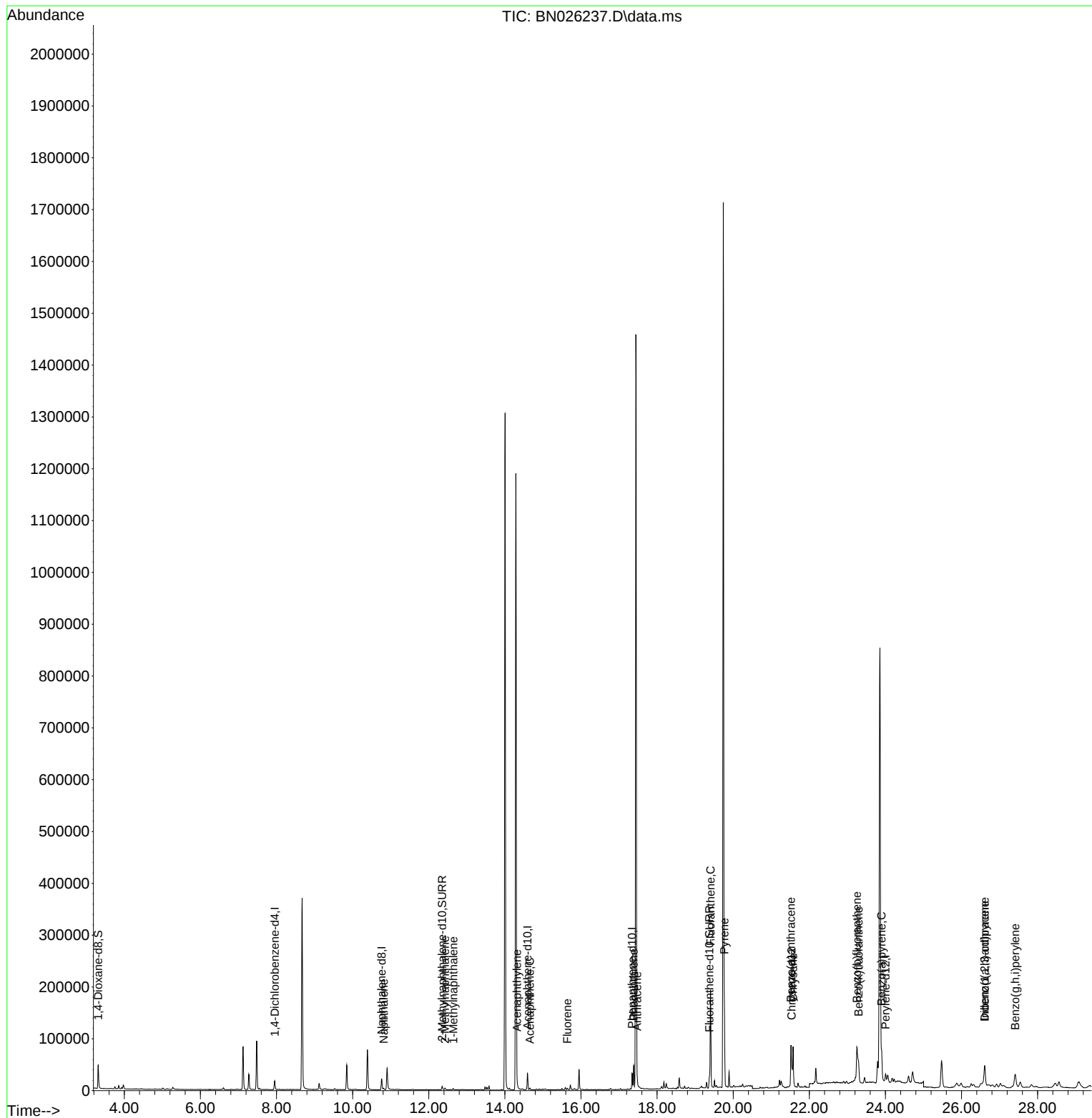
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026237.D
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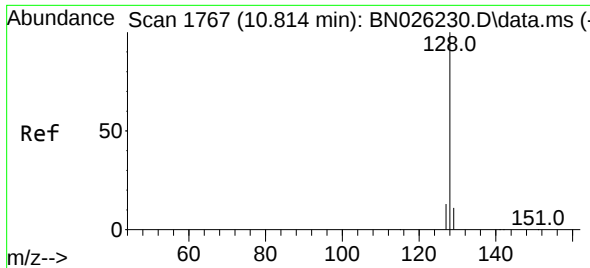
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Quant Time: Jul 04 01:04:33 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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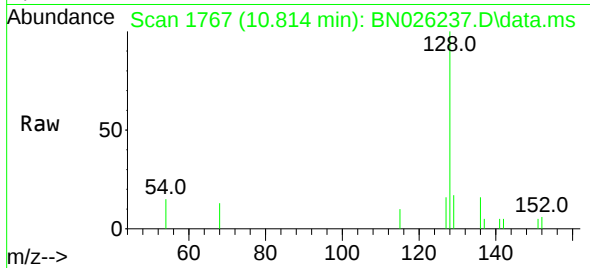
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

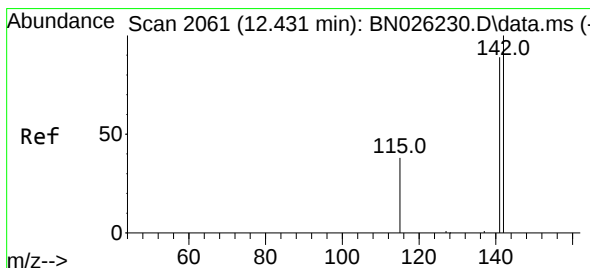
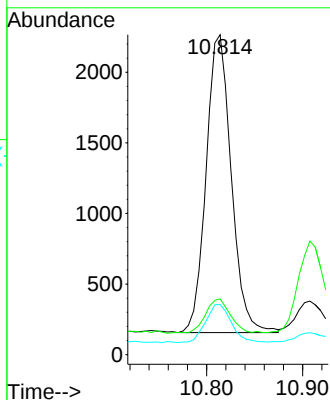
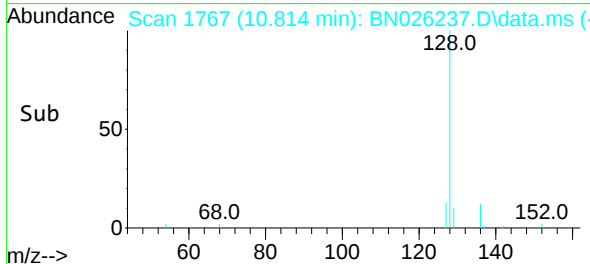
Instrument :
BNA_N
ClientSampleId :
DCGK7



Tgt Ion:128 Resp: 384
Ion Ratio Lower Upper
128 100
129 17.4 9.1 13.7
127 15.7 10.7 16.1

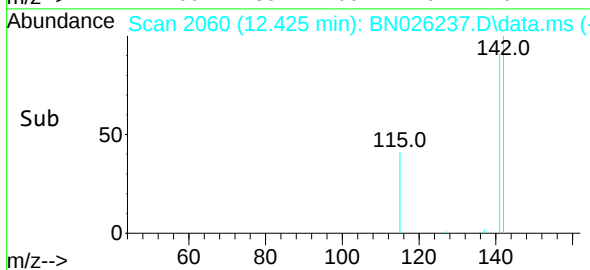
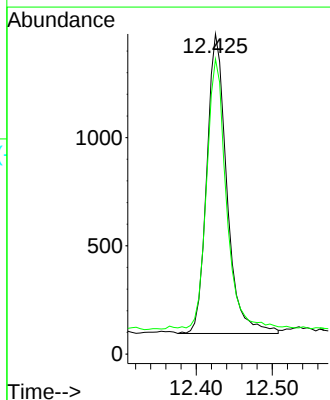
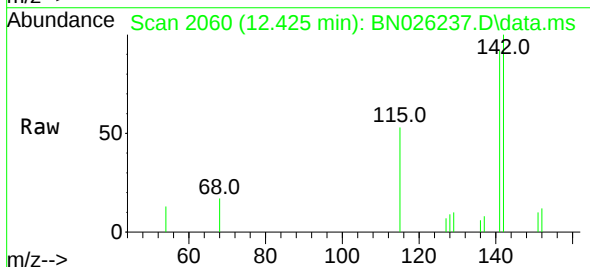
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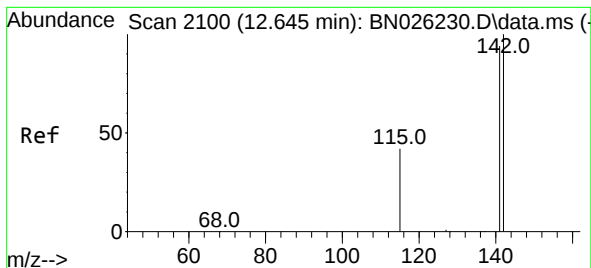
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

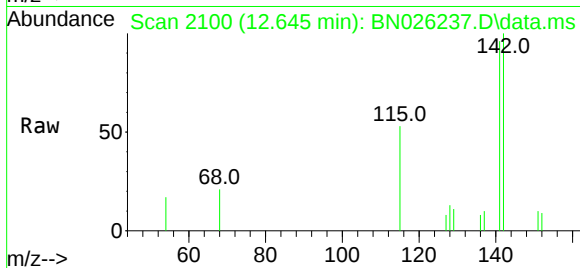
Tgt Ion:142 Resp: 2538
Ion Ratio Lower Upper
142 100
141 86.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

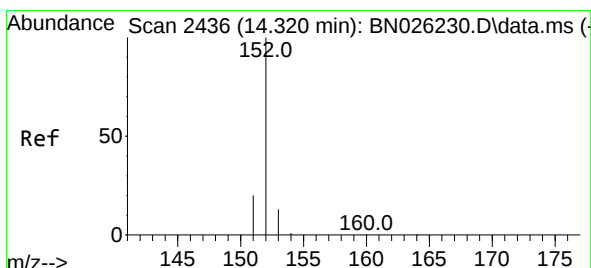
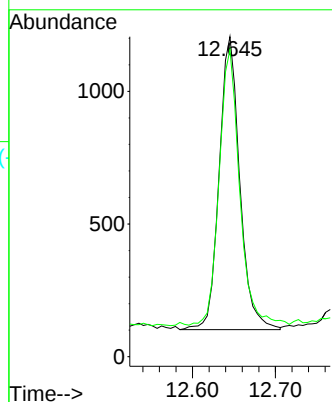
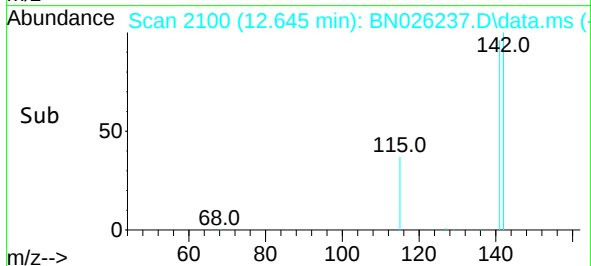
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1910
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

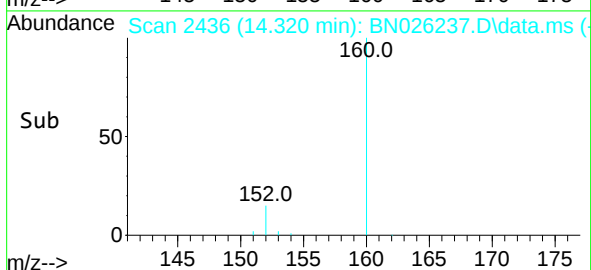
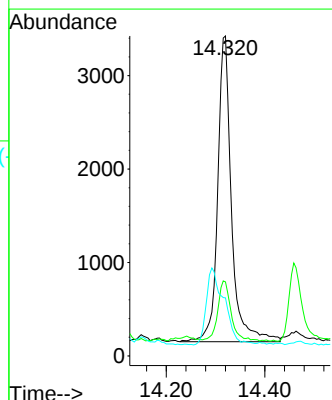
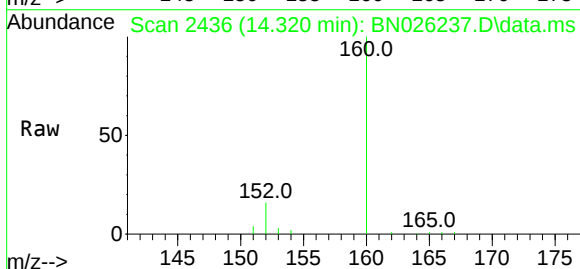
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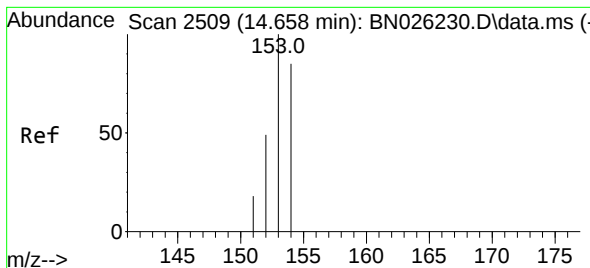
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

Tgt Ion:152 Resp: 6399
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4
153 18.1 10.9 16.3#





#11

Acenaphthene

Concen: 0.026 ng/u1

RT: 14.658 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

Instrument :

BNA_N

ClientSampleId :

DCGK7

Tgt Ion:153 Resp: 1750

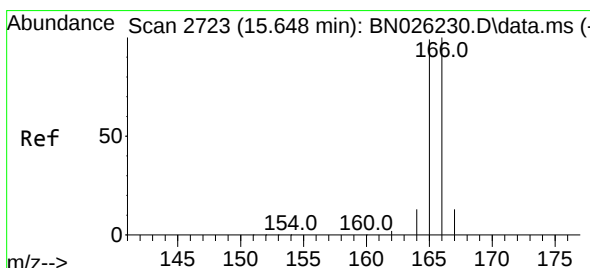
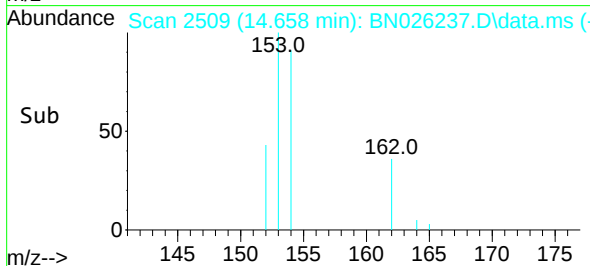
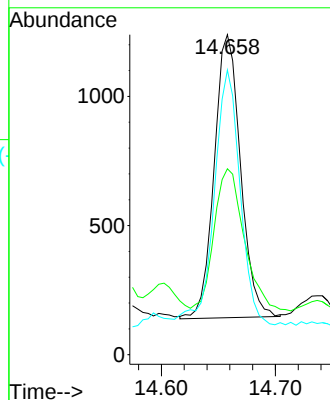
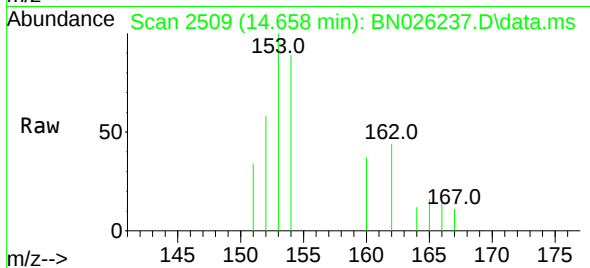
Ion	Ratio	Lower	Upper
153	100		
152	58.1	39.4	59.0
154	88.9	68.9	103.3

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Supervised By :Sohil Jodhani 07/04/2023



#12

Fluorene

Concen: 0.022 ng/u1

RT: 15.643 min Scan# 2722

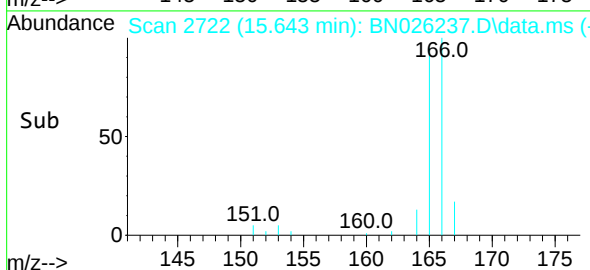
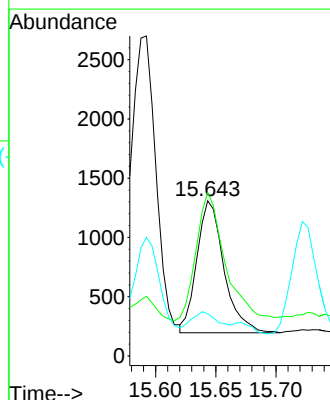
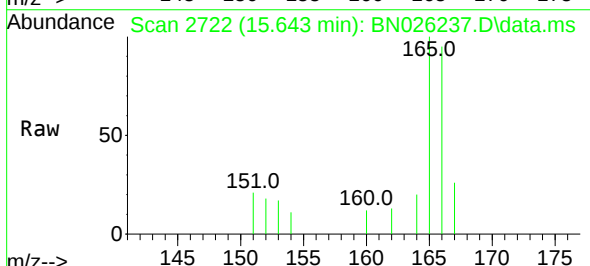
Delta R.T. -0.005 min

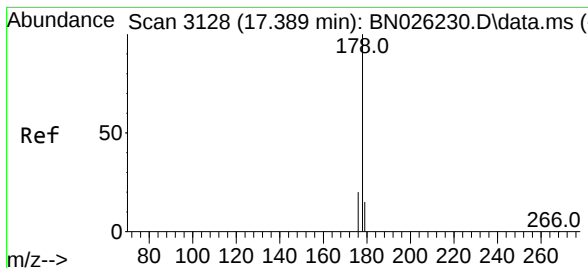
Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

Tgt Ion:166 Resp: 1743

Ion	Ratio	Lower	Upper
166	100		
165	105.3	79.9	119.9
167	27.1	10.8	16.2





#15

Phenanthrene

Concen: 0.413 ng/u1

RT: 17.385 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

Instrument :

BNA_N

ClientSampleId :

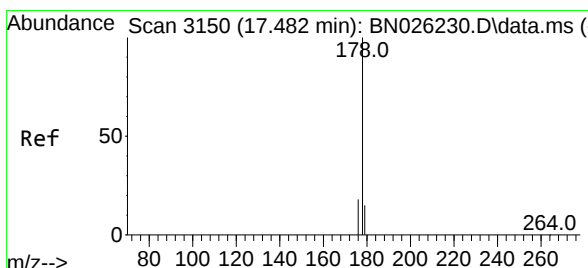
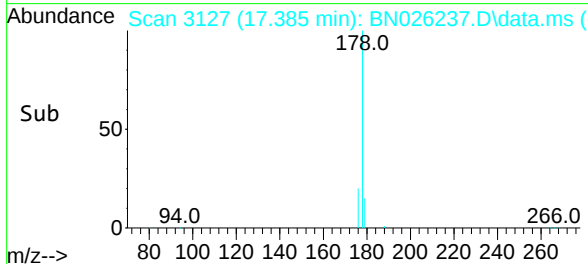
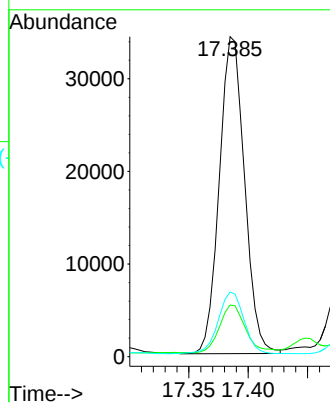
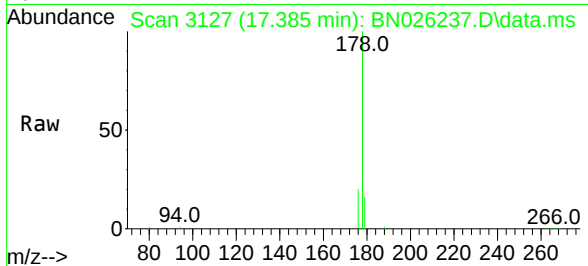
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Tgt Ion:178	Resp: 5055
Ion Ratio	Lower Upper
178	100
179	16.1 12.6 19.0
176	20.2 15.8 23.6

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Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#16

Anthracene

Concen: 0.122 ng/u1

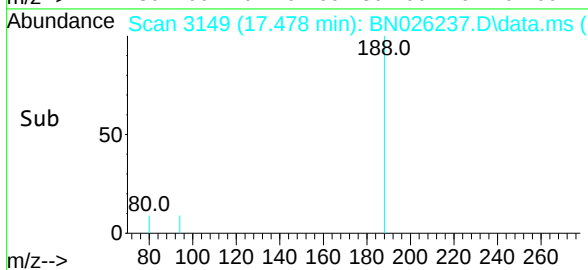
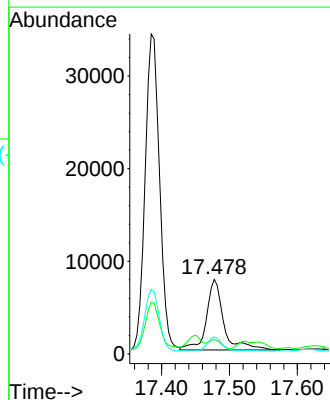
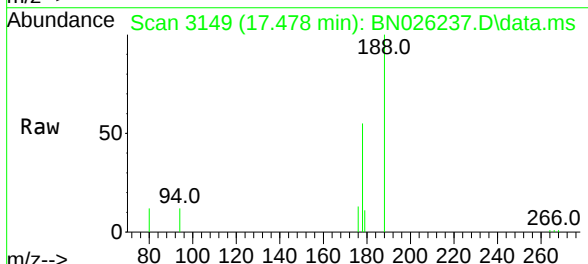
RT: 17.478 min Scan# 3149

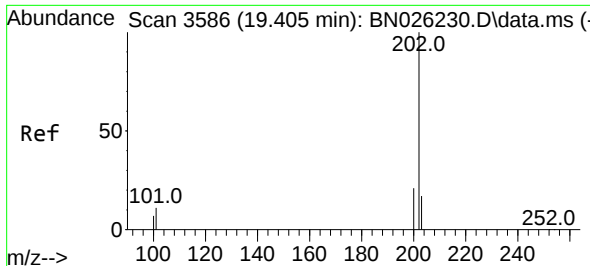
Delta R.T. -0.004 min

Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

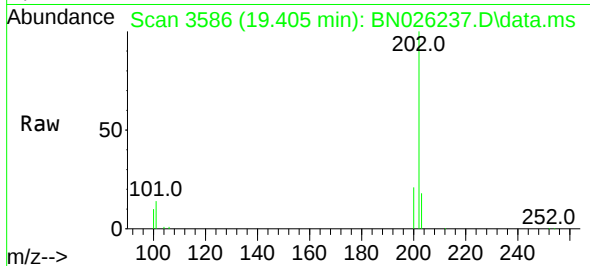
Tgt Ion:178	Resp: 13315
Ion Ratio	Lower Upper
178	100
179	19.4 12.6 18.8#
176	22.9 15.1 22.7#





#19
Fluoranthene
Concen: 1.461 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

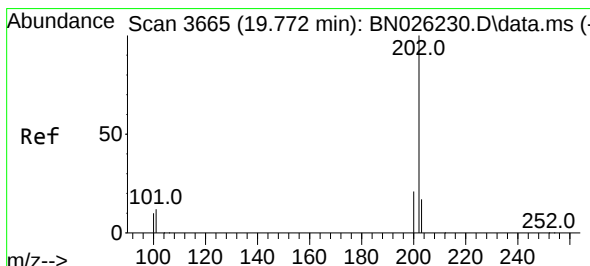
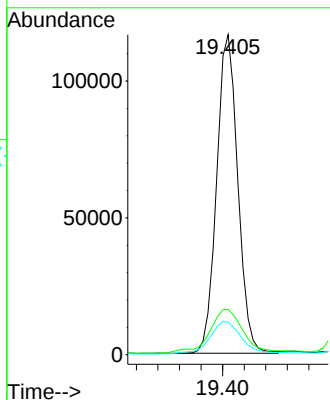
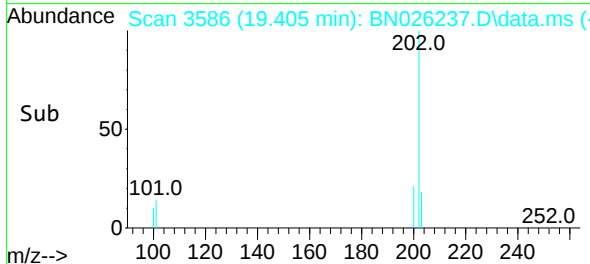
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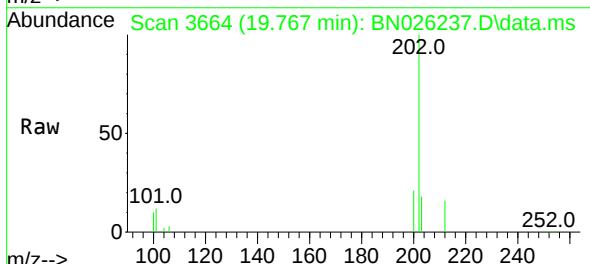
Tgt Ion:202 Resp: 158779
Ion Ratio Lower Upper
202 100
101 14.1 9.5 14.3
100 10.2 7.3 10.9

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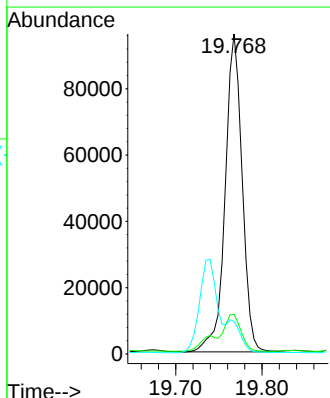
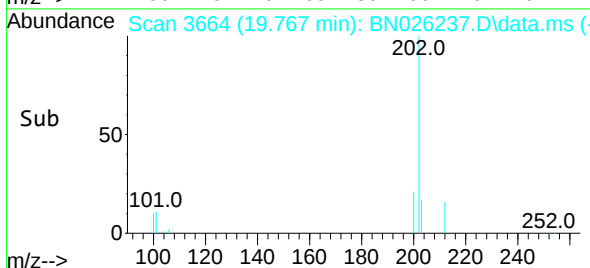
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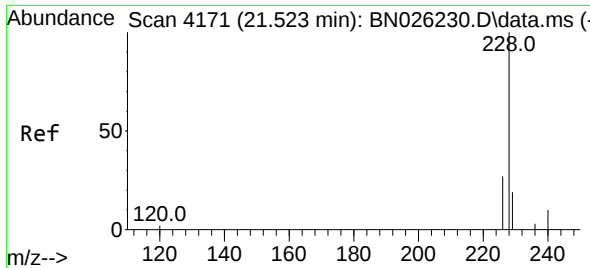


#20
Pyrene
Concen: 1.164 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27



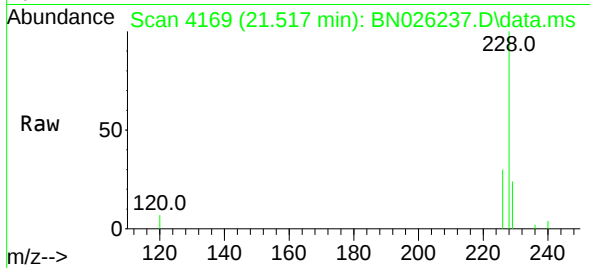
Tgt Ion:202 Resp: 131601
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.802 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

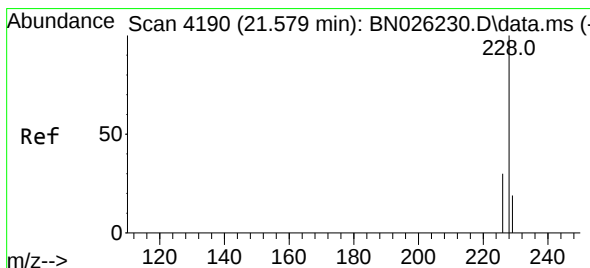
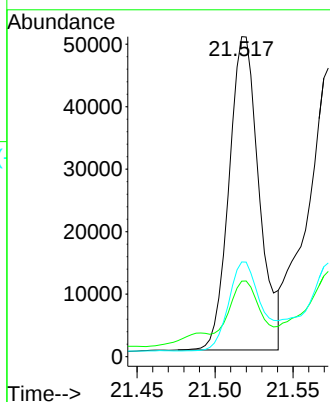
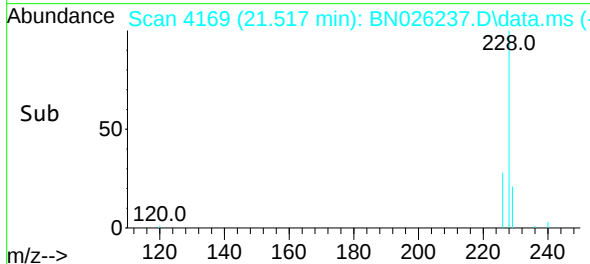
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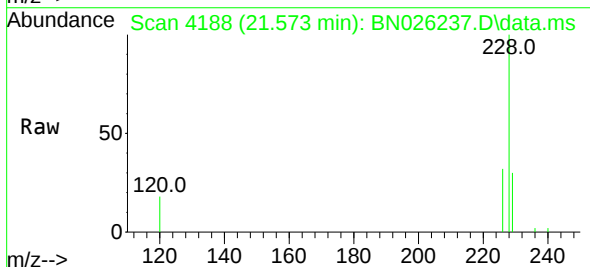
Tgt Ion:228 Resp: 67270
Ion Ratio Lower Upper
228 100
229 23.6 15.8 23.6
226 29.6 22.5 33.7

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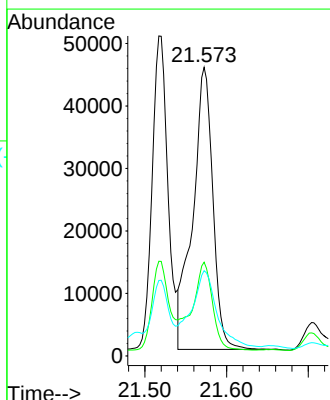
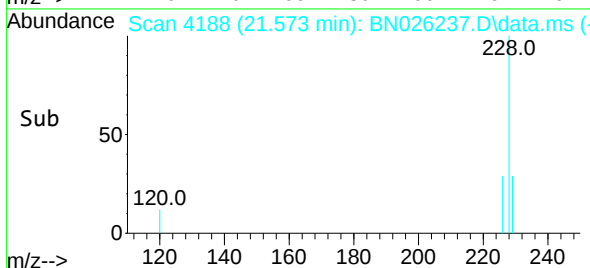
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

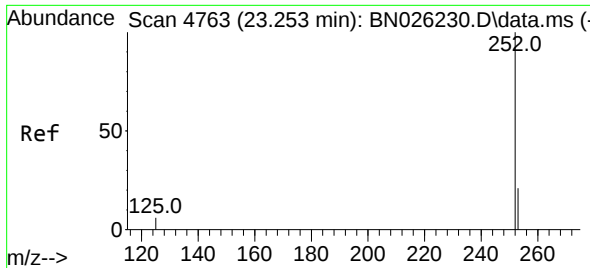


#22
Chrysene
Concen: 0.883 ng/ul
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27



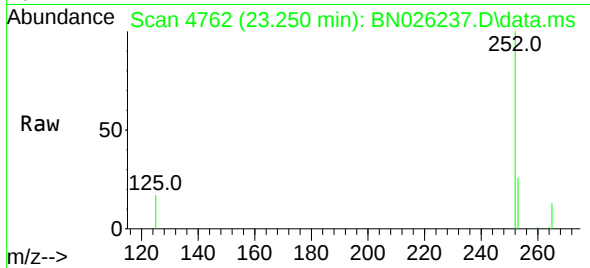
Tgt Ion:228 Resp: 77143
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 29.5 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.311 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

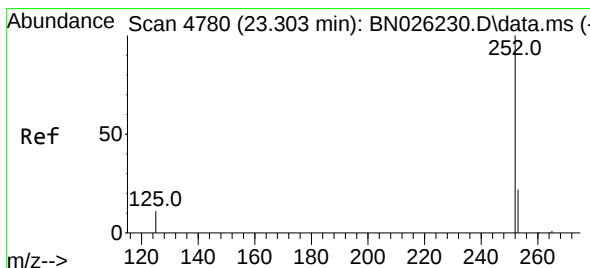
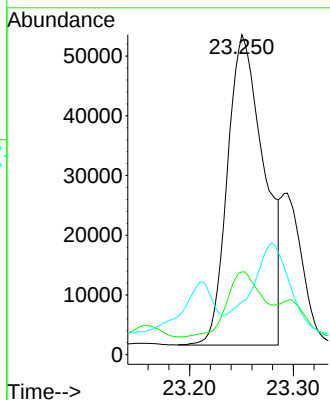
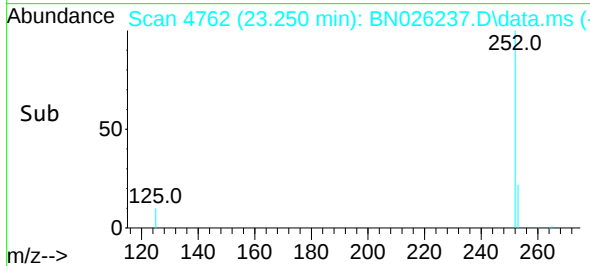
Instrument :
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ClientSampleId :
DCGK7



Tgt Ion:252 Resp: 12743
Ion Ratio Lower Upper
252 100
253 25.9 0.0 55.6
125 16.5 0.0 35.8

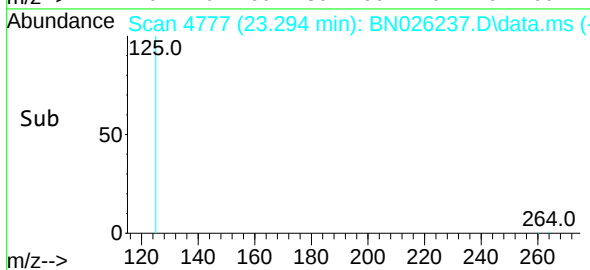
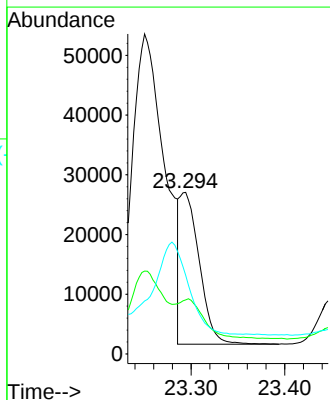
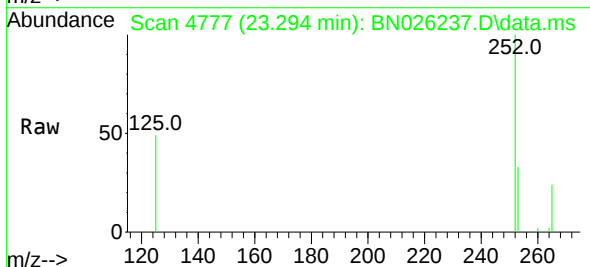
Manual Integrations
APPROVED

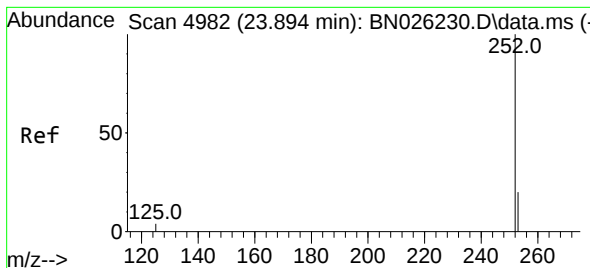
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.380 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

Tgt Ion:252 Resp: 37049
Ion Ratio Lower Upper
252 100
253 33.4 23.2 34.8
125 48.6 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.994 ng/ul

RT: 23.899 min Scan# 4984

Delta R.T. 0.006 min

Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

Instrument :

BNA_N

ClientSampleId :

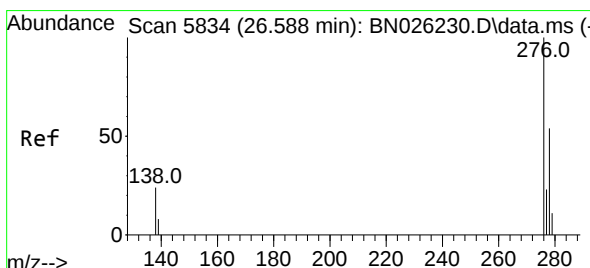
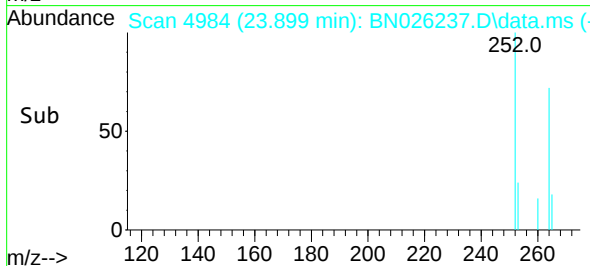
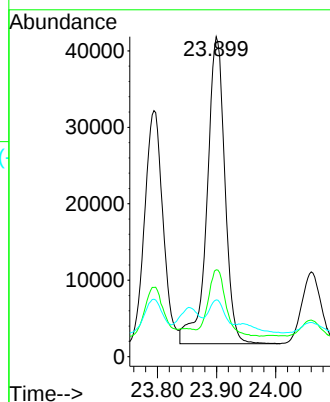
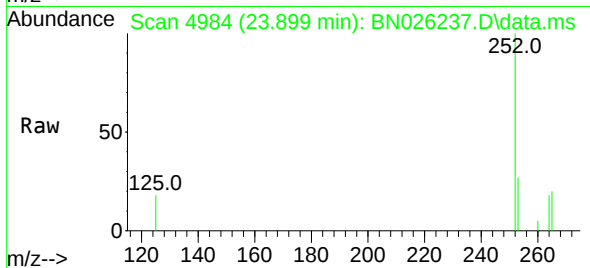
DCGK7

Tgt Ion:	252	Resp:	8394
Ion Ratio	Lower	Upper	
252	100		
253	27.2	26.0	39.0
125	17.8	17.3	25.9

Manual Integrations

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Supervised By :Sohil Jodhani 07/04/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.683 ng/ul

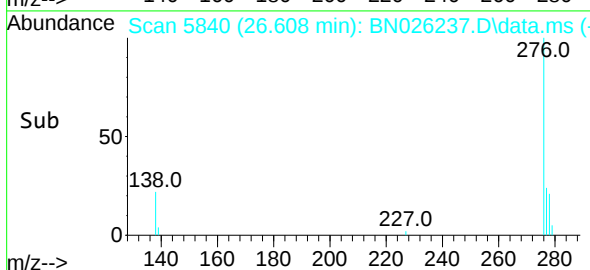
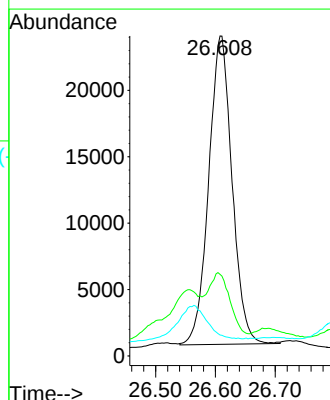
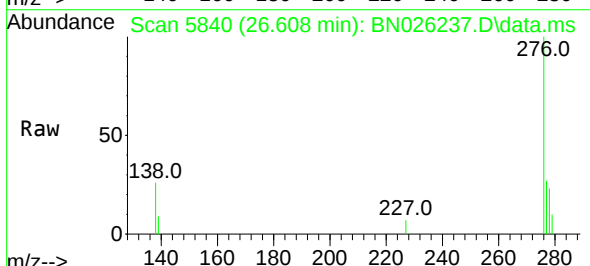
RT: 26.608 min Scan# 5840

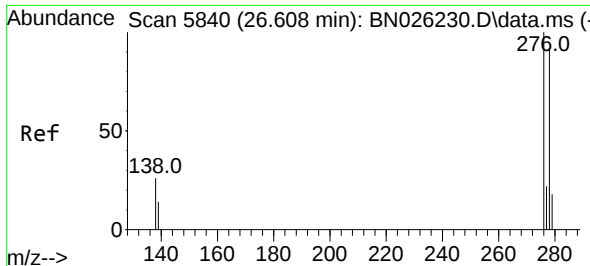
Delta R.T. 0.020 min

Lab File: BN026237.D

Acq: 03 Jul 2023 22:27

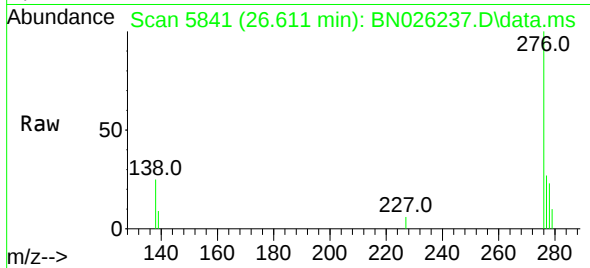
Tgt Ion:	276	Resp:	62983
Ion Ratio	Lower	Upper	
276	100		
138	0.0	24.5	36.7#
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.235 ng/ul
RT: 26.611 min Scan# 5841
Delta R.T. 0.003 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

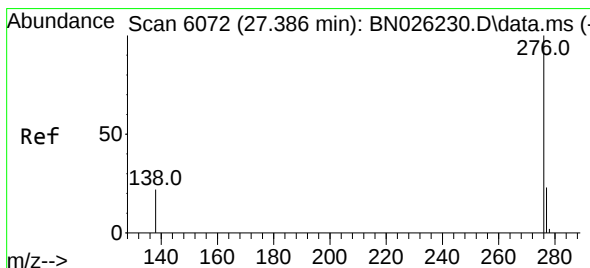
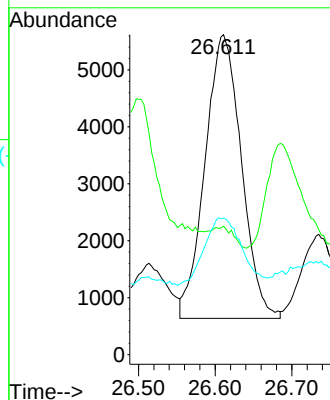
Instrument :
BNA_N
ClientSampleId :
DCGK7



Tgt Ion:278 Resp: 16420
Ion Ratio Lower Upper
278 100
139 40.1 19.0 28.4
279 42.7 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 0.722 ng/ul
RT: 27.409 min Scan# 6079
Delta R.T. 0.023 min
Lab File: BN026237.D
Acq: 03 Jul 2023 22:27

Tgt Ion:276 Resp: 59249
Ion Ratio Lower Upper
276 100
138 27.4 23.4 35.0
277 27.1 20.0 30.0

