

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026101.D
 Acq On : 29 Jun 2023 19:06
 Operator : MA/JU
 Sample : 03142-22DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:45:05 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	7400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	24632	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	29880	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	17516	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	16427	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	5797	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.375	152	1789	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	3778	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	4174	0.059	ng/ul#	92
7) 2-Methylnaphthalene	12.446	142	2509	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.661	142	1875	0.040	ng/ul	98
10) Acenaphthylene	14.329	152	3565	0.052	ng/ul#	92
11) Acenaphthene	14.667	153	1867	0.033	ng/ul	98
12) Fluorene	15.652	166	1559	0.024	ng/ul#	93
15) Phenanthrene	17.393	178	45039	0.456	ng/ul	99
16) Anthracene	17.486	178	6803	0.078	ng/ul#	93
19) Fluoranthene	19.409	202	114361	1.222	ng/ul	97
20) Pyrene	19.772	202	94457	0.971	ng/ul	96
21) Benzo(a)anthracene	21.522	228	38102	0.527	ng/ul	96
22) Chrysene	21.572	228	50287	0.669	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	67058m	0.956	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	25746m	0.366	ng/ul	
26) Benzo(a)pyrene	23.896	252	38944	0.640	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.580	276	34200	0.514	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.597	278	7739	0.154	ng/ul#	77
29) Benzo(g,h,i)perylene	27.385	276	32556	0.550	ng/ul	98

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

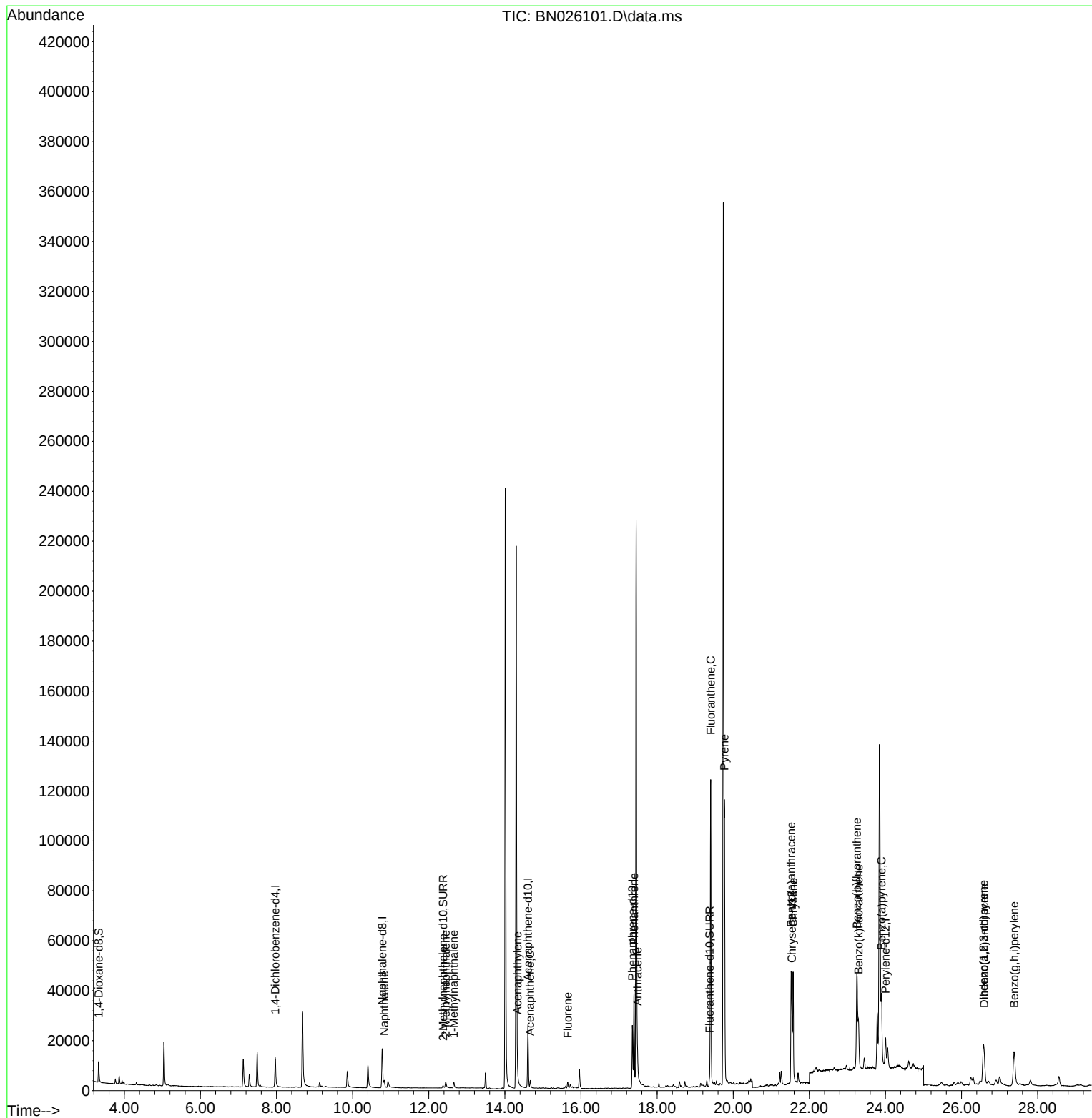
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026101.D
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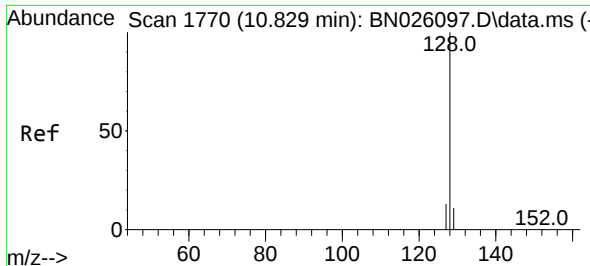
Instrument :
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Quant Time: Jun 30 00:45:05 2023
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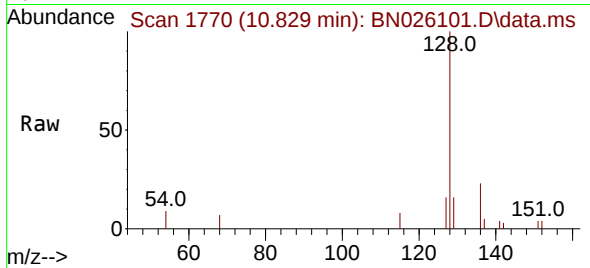
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.829 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

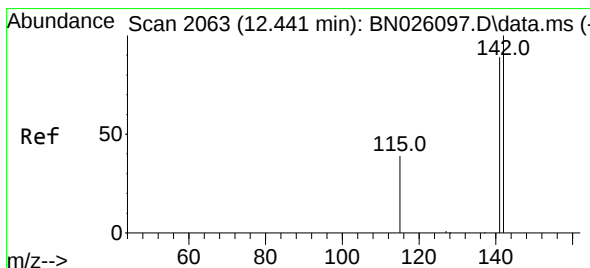
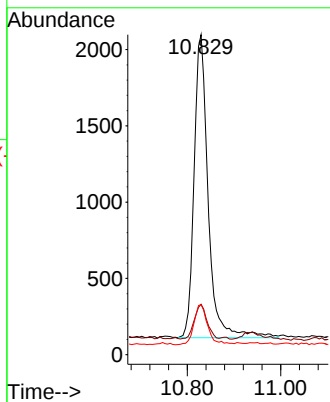
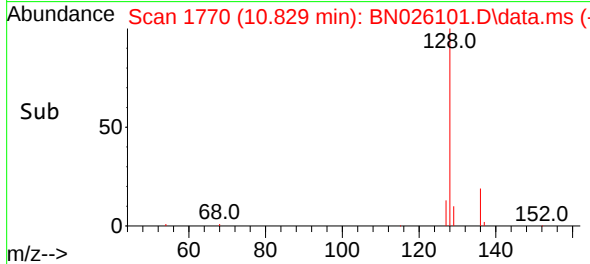
Instrument :
BNA_N
ClientSampleId :
DCFT9DL



Tgt Ion:128 Resp: 4174
Ion Ratio Lower Upper
128 100
129 15.7 9.1 13.7
127 15.6 10.7 16.1

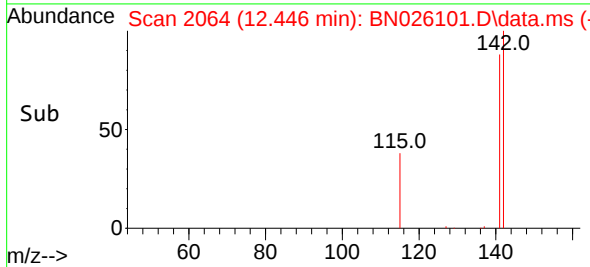
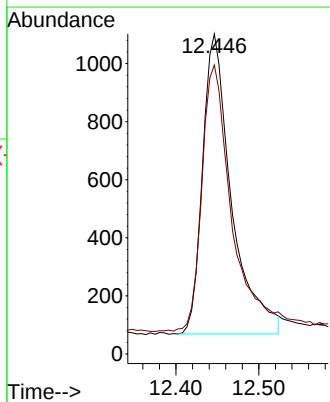
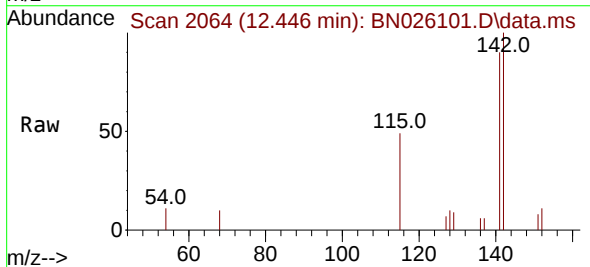
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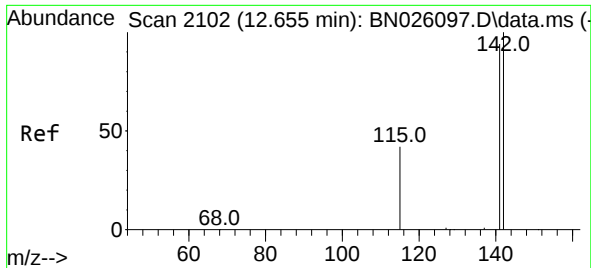
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

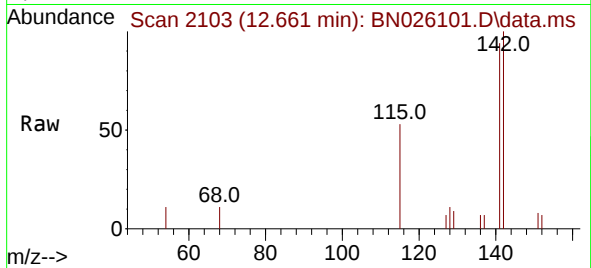
Tgt Ion:142 Resp: 2509
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.661 min Scan# 2103
Delta R.T. -0.001 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

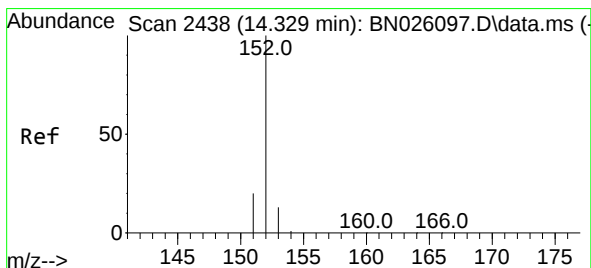
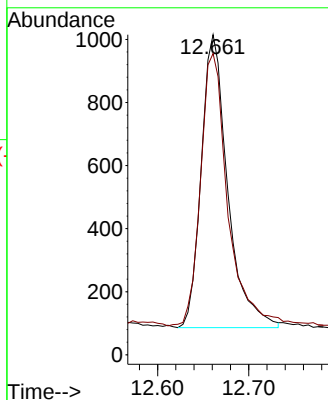
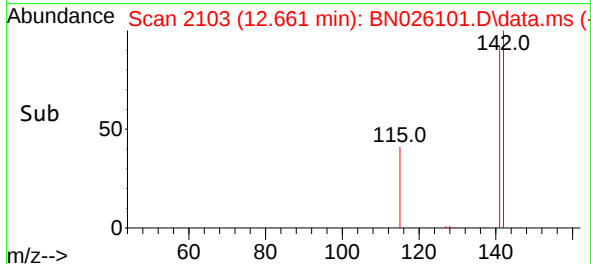
Instrument :
BNA_N
ClientSampleId :
DCFT9DL



Tgt Ion:142 Resp: 1875
Ion Ratio Lower Upper
142 100
141 94.9 74.2 111.4

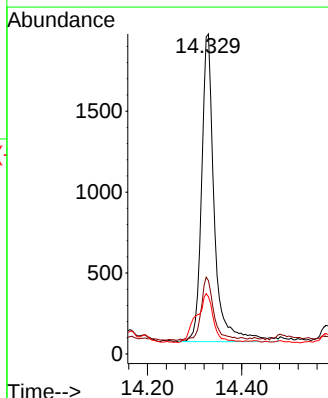
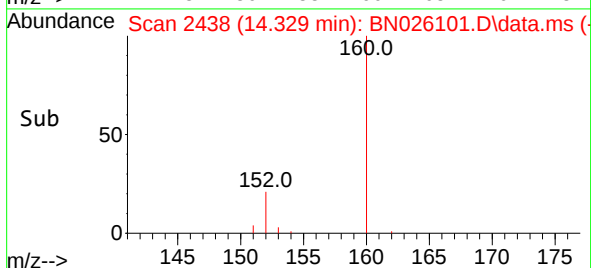
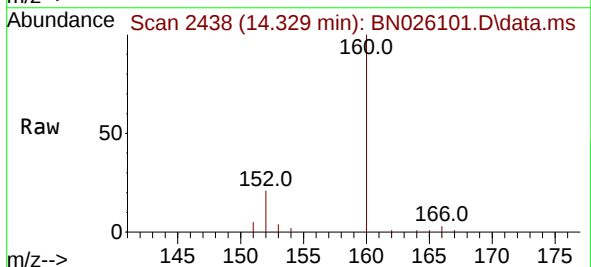
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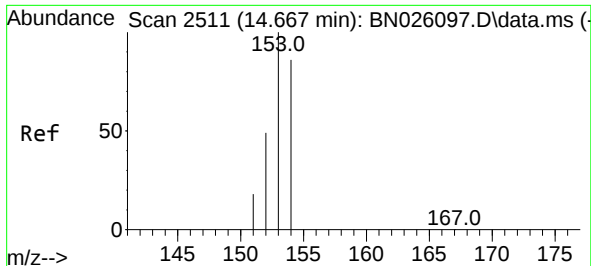
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

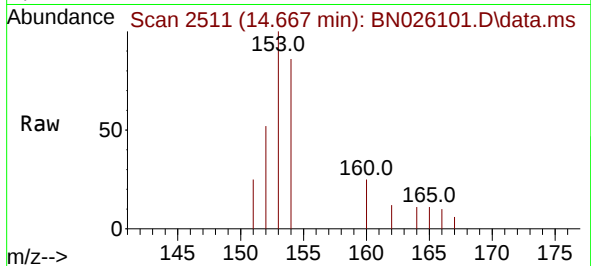
Tgt Ion:152 Resp: 3565
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4
153 17.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

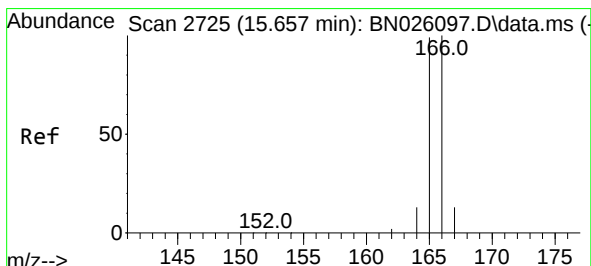
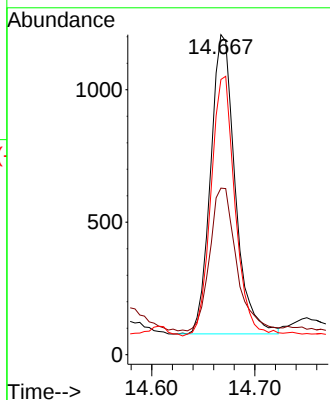
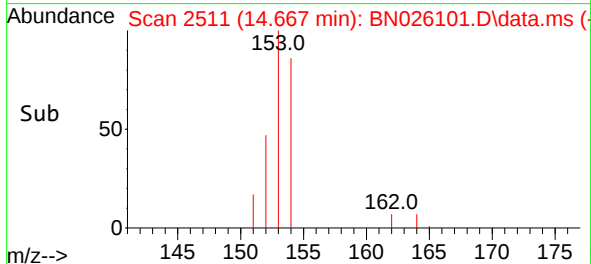
Instrument :
BNA_N
ClientSampleId :
DCFT9DL



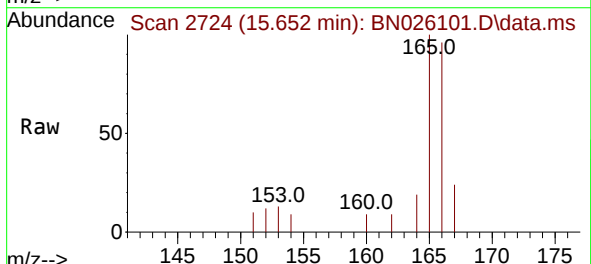
Tgt Ion:153 Resp: 186
Ion Ratio Lower Upper
153 100
152 52.1 39.4 59.0
154 86.0 68.9 103.3

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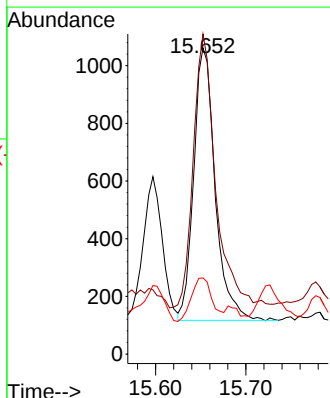
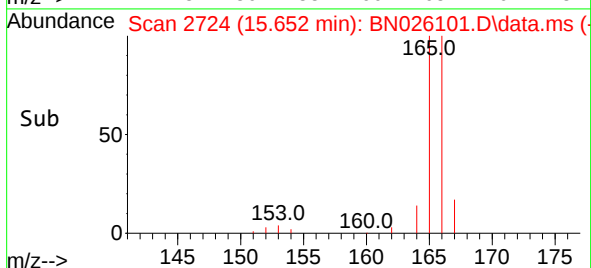
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

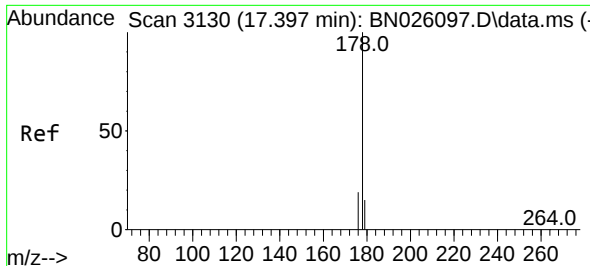


#12
Fluorene
Concen: 0.024 ng/u1
RT: 15.652 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06



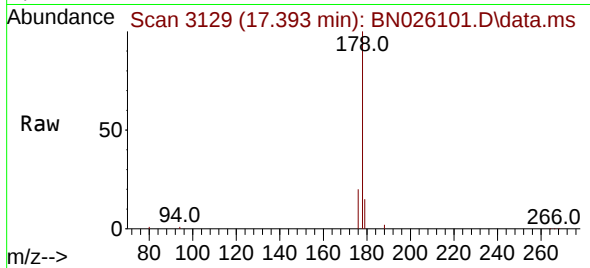
Tgt Ion:166 Resp: 1559
Ion Ratio Lower Upper
166 100
165 104.5 79.9 119.9
167 24.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.456 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

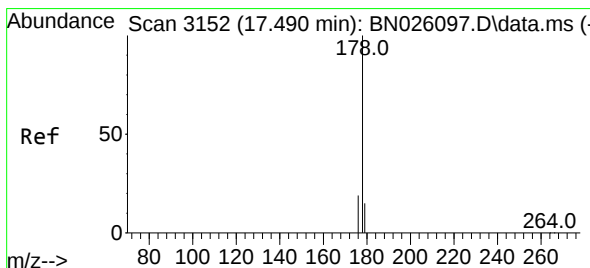
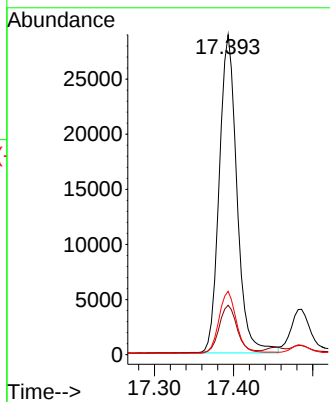
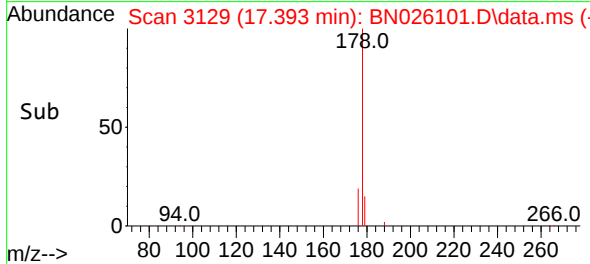
Instrument :
BNA_N
ClientSampleId :
DCFT9DL



Tgt Ion:178 Resp: 45039
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.8 15.8 23.6

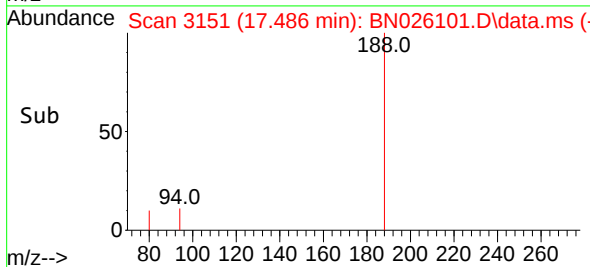
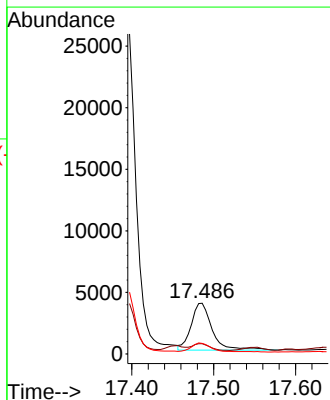
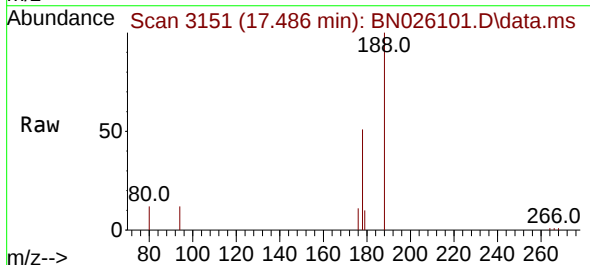
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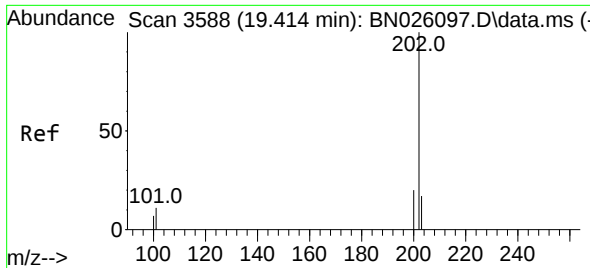
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.078 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:178 Resp: 6803
Ion Ratio Lower Upper
178 100
179 20.2 12.6 18.8#
176 21.0 15.1 22.7





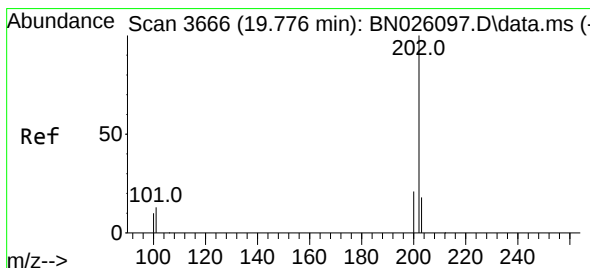
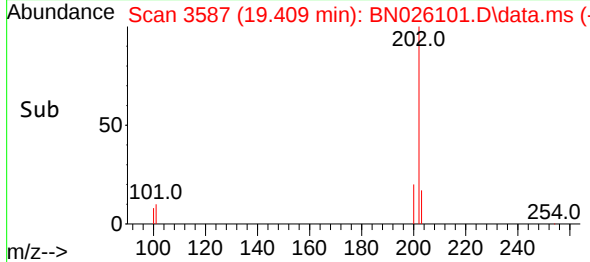
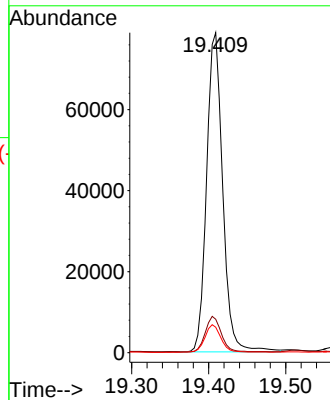
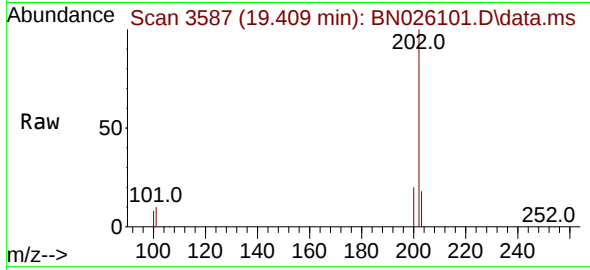
#19
Fluoranthene
Concen: 1.222 ng/ul
RT: 19.409 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :
BNA_N
ClientSampleId :
DCFT9DL

Tgt Ion:202 Resp: 11436
Ion Ratio Lower Upper
202 100
101 10.4 9.5 14.3
100 8.0 7.3 10.9

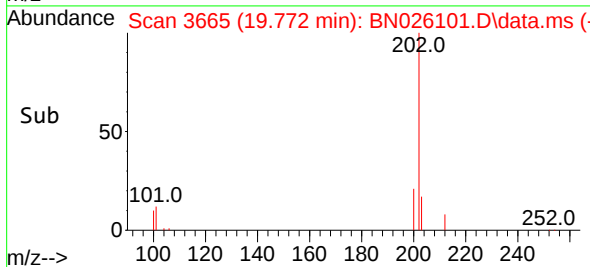
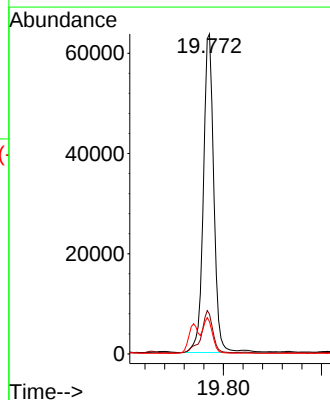
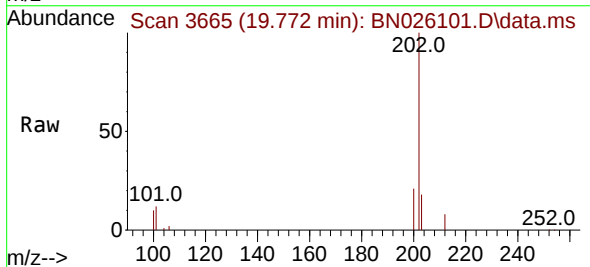
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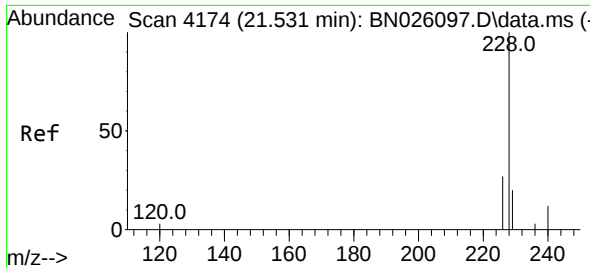
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 0.971 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

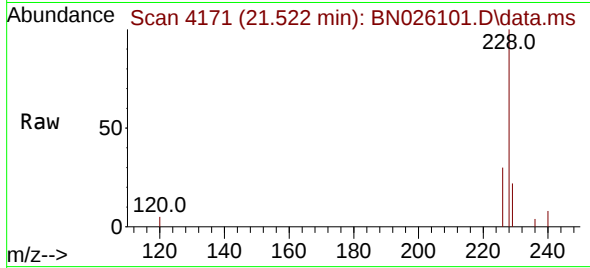
Tgt Ion:202 Resp: 94457
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.527 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

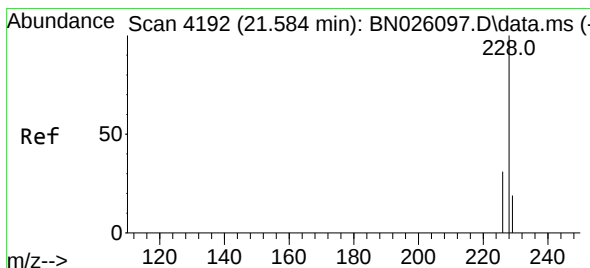
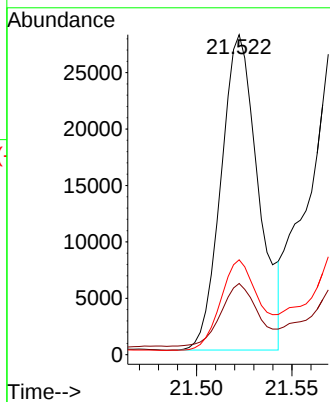
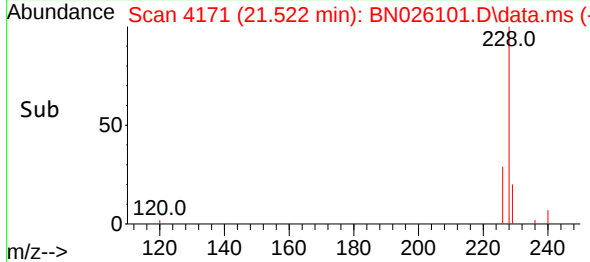
Instrument :
BNA_N
ClientSampleId :
DCFT9DL



Tgt Ion:228 Resp: 3810
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 29.6 22.5 33.7

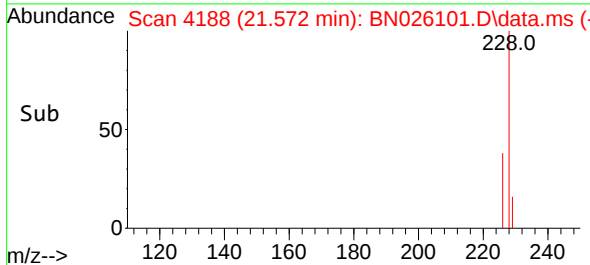
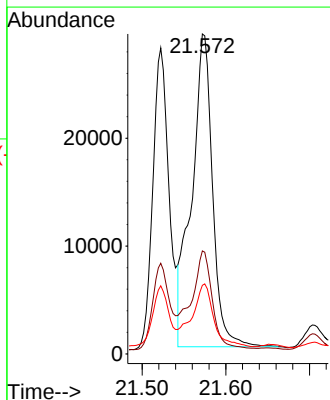
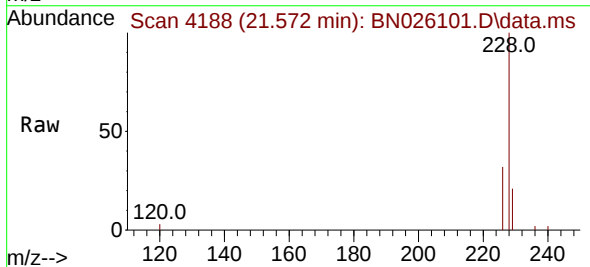
Manual Integrations
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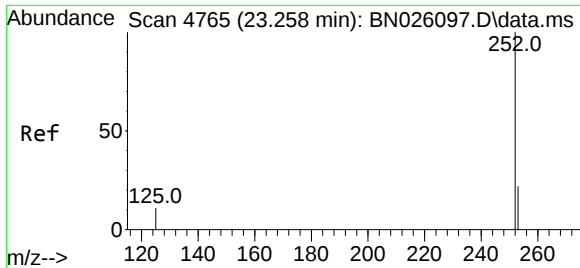
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 0.669 ng/ul
RT: 21.572 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Tgt Ion:228 Resp: 50287
Ion Ratio Lower Upper
228 100
226 32.2 24.8 37.2
229 21.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.956 ng/ul m

RT: 23.250 min Scan# 4765

Delta R.T. -0.004 min

Lab File: BN026101.D

Acq: 29 Jun 2023 19:06

Instrument :

BNA_N

ClientSampleId :

DCFT9DL

Tgt Ion:252 Resp: 67058

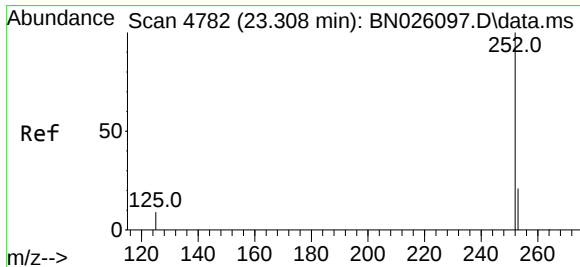
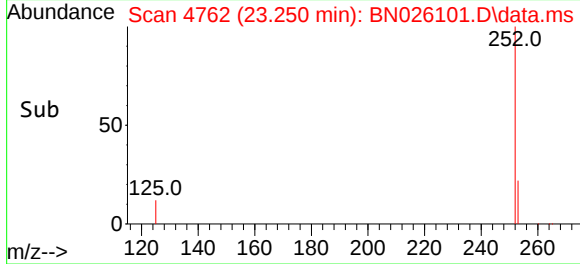
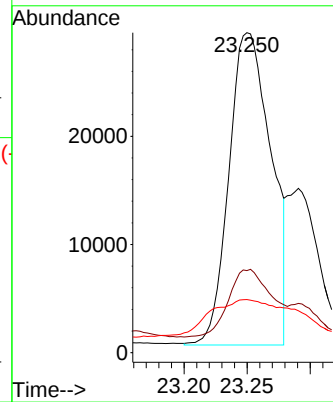
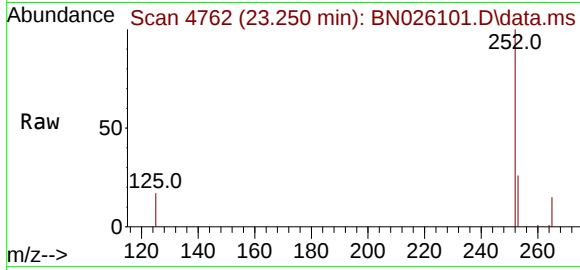
Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	55.6
125	16.6	0.0	35.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#25

Benzo(k)fluoranthene

Concen: 0.366 ng/ul m

RT: 23.291 min Scan# 4776

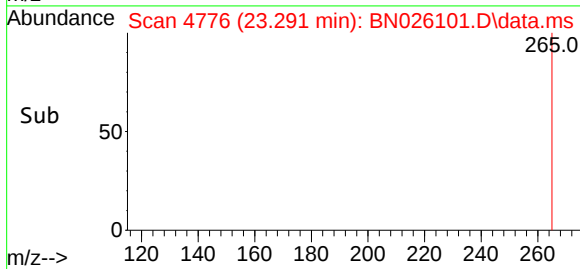
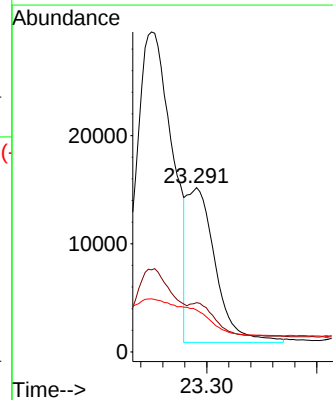
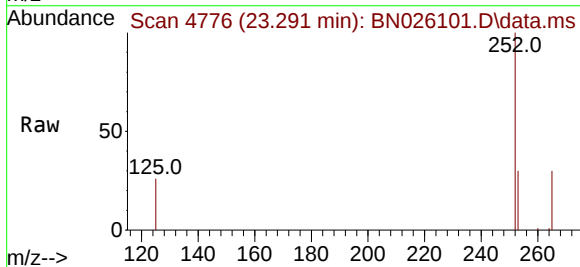
Delta R.T. -0.012 min

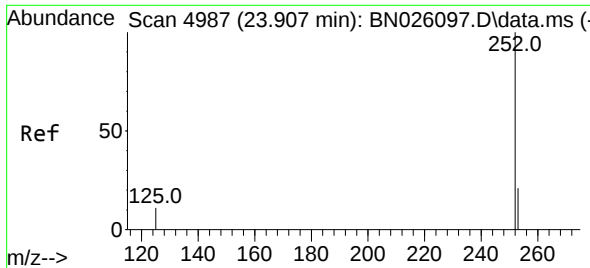
Lab File: BN026101.D

Acq: 29 Jun 2023 19:06

Tgt Ion:252 Resp: 25746

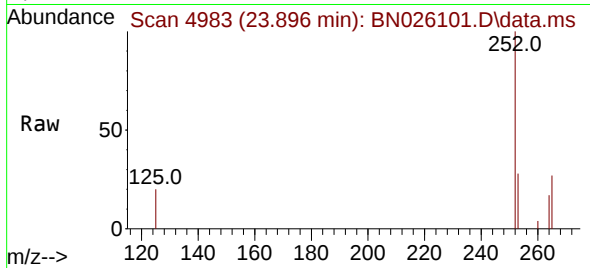
Ion	Ratio	Lower	Upper
252	100		
253	30.0	23.2	34.8
125	25.5	15.0	22.4





#26
Benzo(a)pyrene
Concen: 0.640 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. -0.009 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

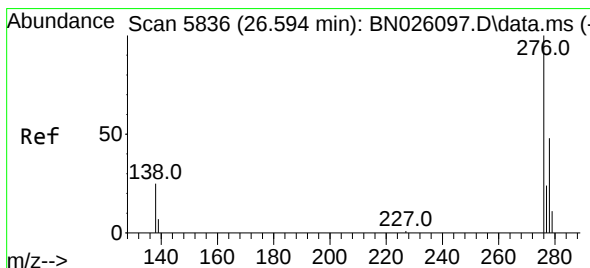
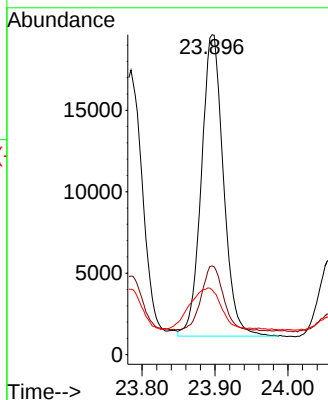
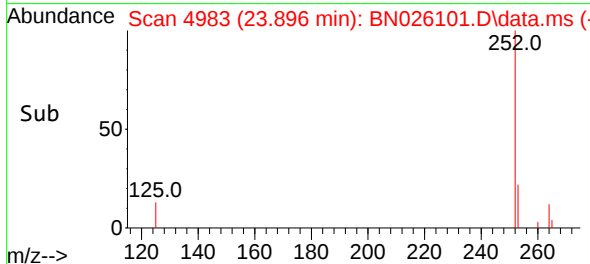
Instrument :
BNA_N
ClientSampleId :
DCFT9DL



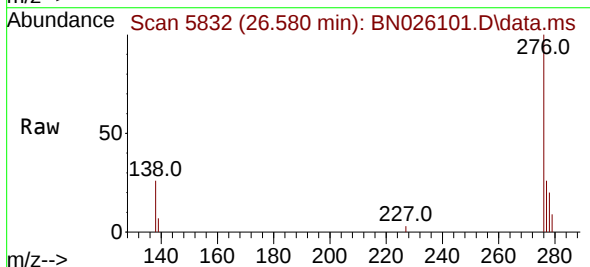
Tgt Ion:252 Resp: 38944
Ion Ratio Lower Upper
252 100
253 27.7 26.0 39.0
125 20.2 17.3 25.9

Manual Integrations
APPROVED

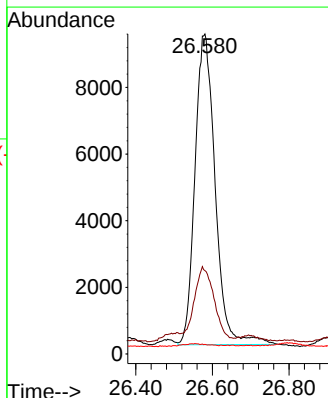
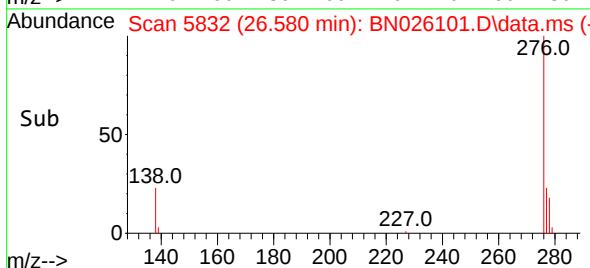
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

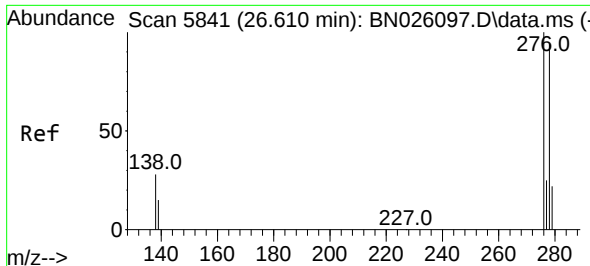


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.514 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.014 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06



Tgt Ion:276 Resp: 34200
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 0.0 0.0 0.0





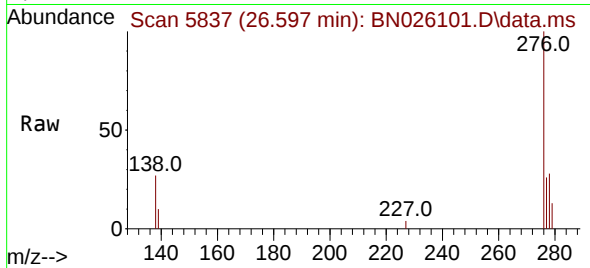
#28
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 26.597 min Scan# 5837
Delta R.T. -0.017 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06

Instrument :

BNA_N

ClientSampleId :

DCFT9DL

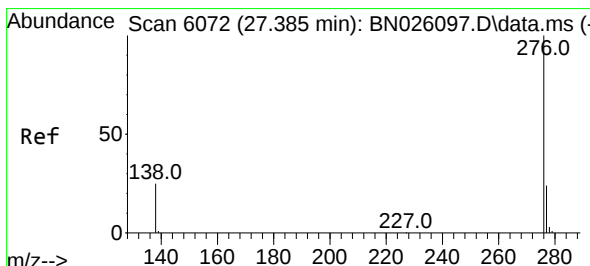
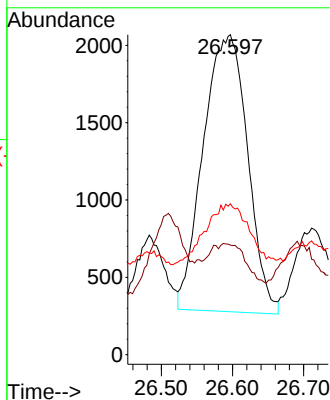
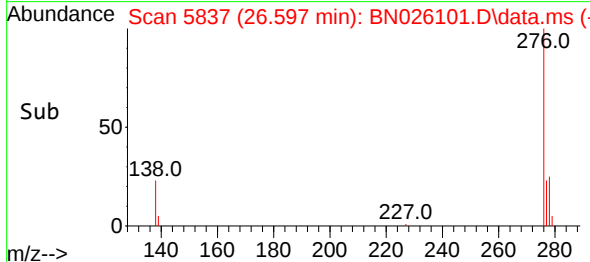


Tgt Ion:278 Resp: 7739
Ion Ratio Lower Upper
278 100
139 34.3 19.0 28.4
279 47.2 26.7 40.1

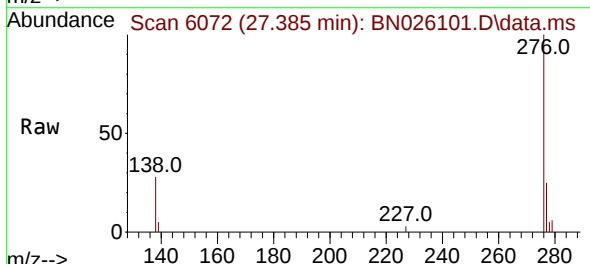
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.550 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. -0.001 min
Lab File: BN026101.D
Acq: 29 Jun 2023 19:06



Tgt Ion:276 Resp: 32556
Ion Ratio Lower Upper
276 100
138 27.6 23.4 35.0
277 24.7 20.0 30.0

