

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026105.D
 Acq On : 29 Jun 2023 21:34
 Operator : MA/JU
 Sample : 03143-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV4

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:45:50 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	7.963	152	8290	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	27200	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	16593	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	34149	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	18473	0.400	ng/ul	# 0.00
23) Perylene-d12	23.990	264	17014	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	20160	2.159	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	6529	0.156	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	13033	0.185	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.825	128	25079	0.322	ng/ul	99
7) 2-Methylnaphthalene	12.436	142	12056	0.243	ng/ul	100
8) 1-Methylnaphthalene	12.656	142	8240	0.160	ng/ul	100
10) Acenaphthylene	14.325	152	33399	0.430	ng/ul	99
11) Acenaphthene	14.667	153	17520	0.276	ng/ul	98
12) Fluorene	15.653	166	18822	0.258	ng/ul	97
15) Phenanthrene	17.393	178	551431	4.889	ng/ul	99
16) Anthracene	17.482	178	101328	1.011	ng/ul	99
19) Fluoranthene	19.410	202	1048717	10.629	ng/ul	96
20) Pyrene	19.768	202	809588	7.889	ng/ul	98
21) Benzo(a)anthracene	21.520	228	358219	4.701	ng/ul	98
22) Chrysene	21.576	228	398286	5.023	ng/ul	98
24) Benzo(b)fluoranthene	23.245	252	571966m	7.876	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	191069m	2.620	ng/ul	
26) Benzo(a)pyrene	23.882	252	351424	5.572	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.547	276	287605	4.175	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.557	278	67786	1.300	ng/ul	97
29) Benzo(g,h,i)perylene	27.336	276	258564	4.219	ng/ul	94

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

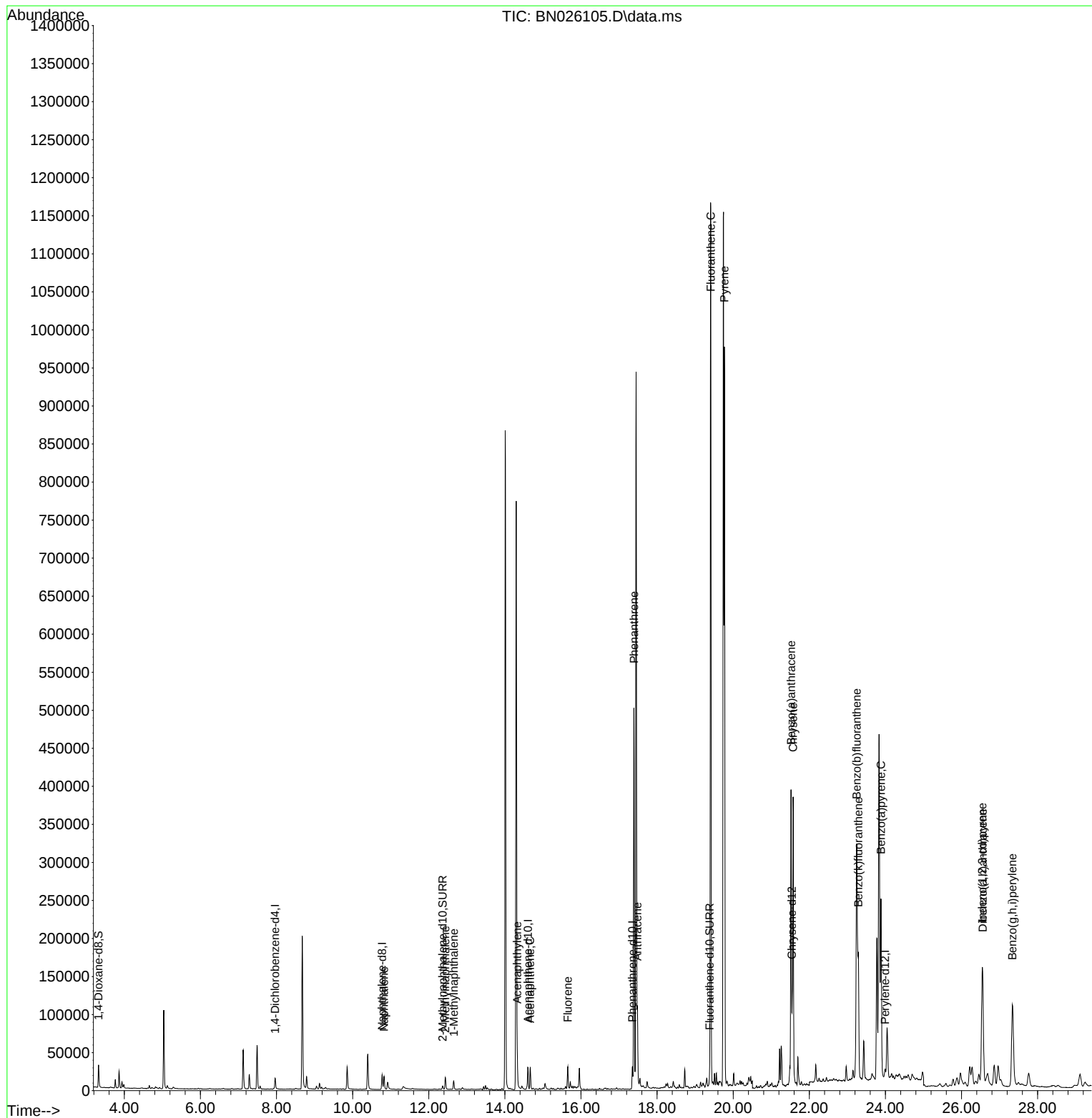
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026105.D
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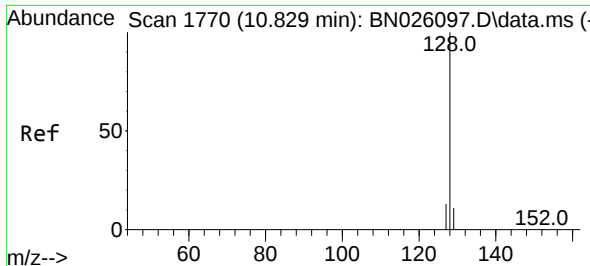
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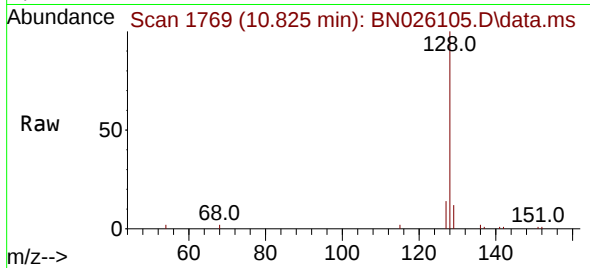
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.825 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

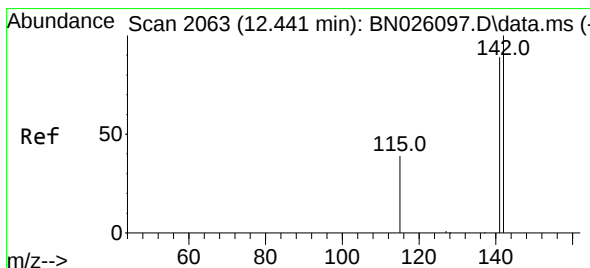
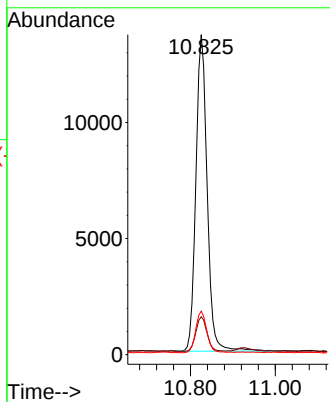
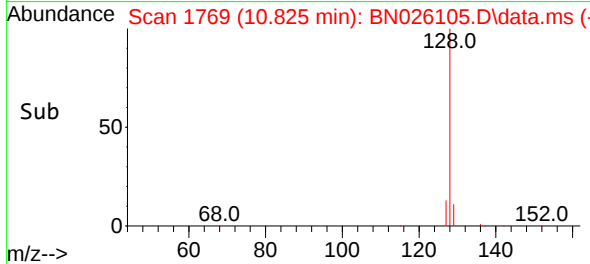
Instrument :
BNA_N
ClientSampleId :
DCFV4



Tgt Ion:128 Resp: 25079
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 10.7 16.1

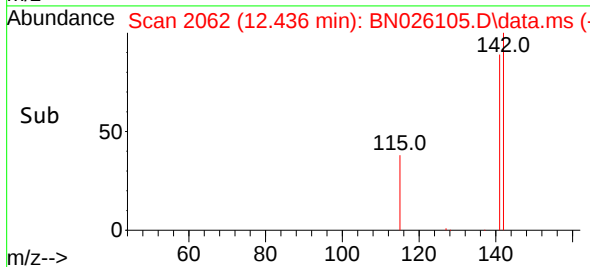
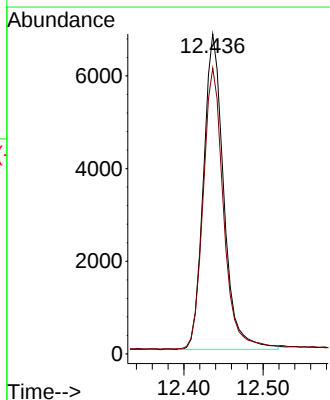
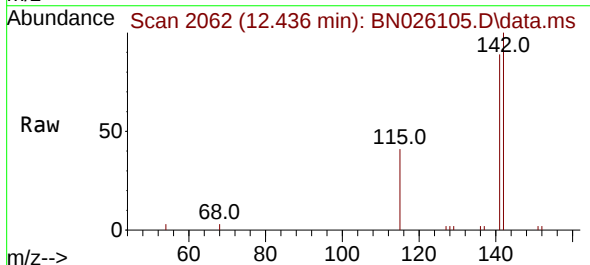
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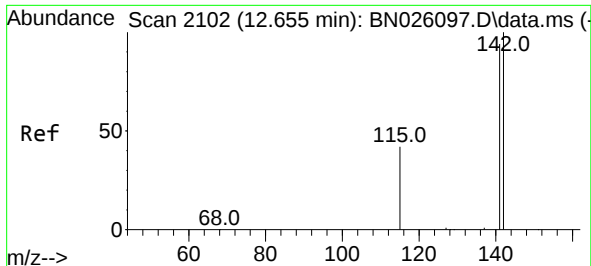
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

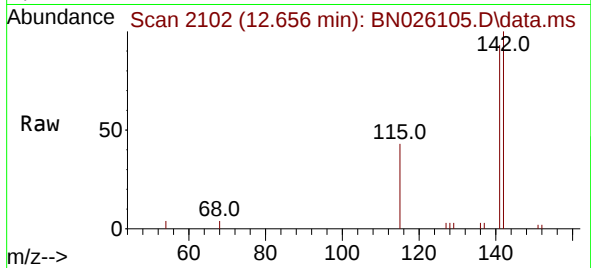
Tgt Ion:142 Resp: 12056
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

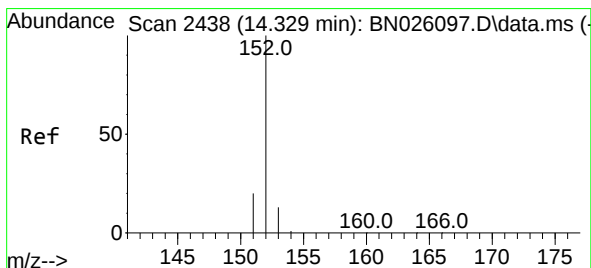
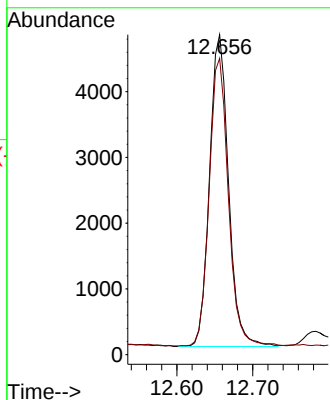
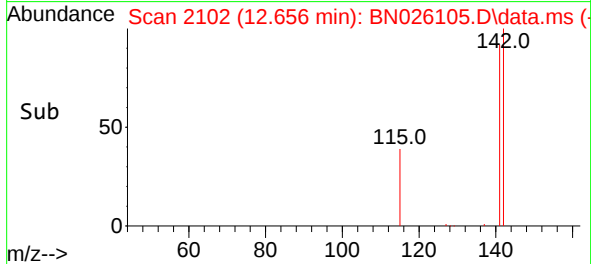
Instrument :
BNA_N
ClientSampleId :
DCFV4



Tgt Ion:142 Resp: 8240
Ion Ratio Lower Upper
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141 92.8 74.2 111.4

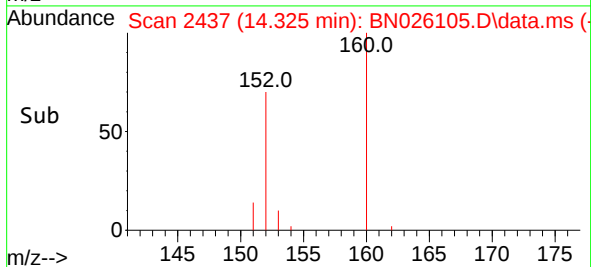
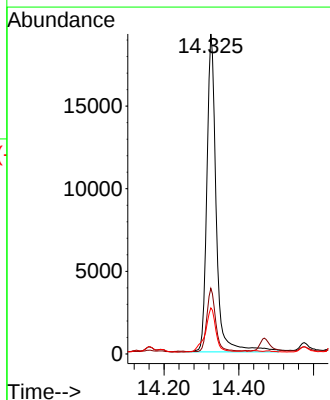
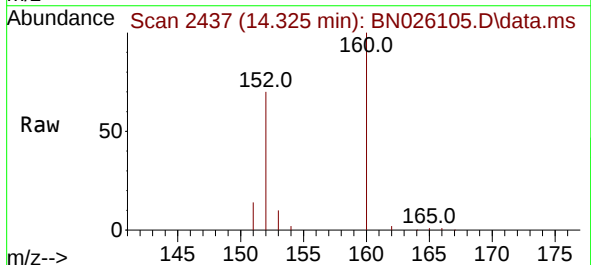
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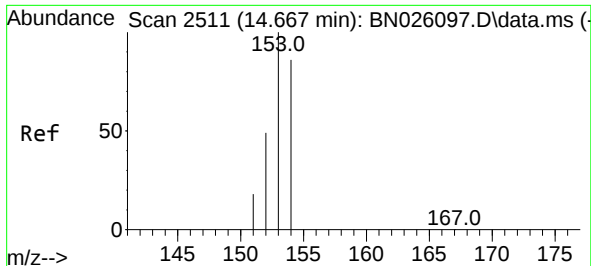
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.430 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

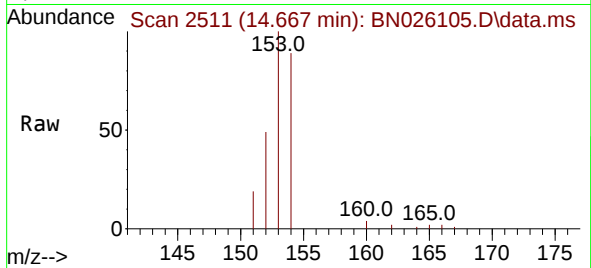
Tgt Ion:152 Resp: 33399
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.276 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

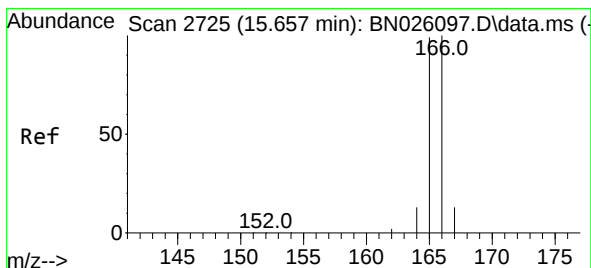
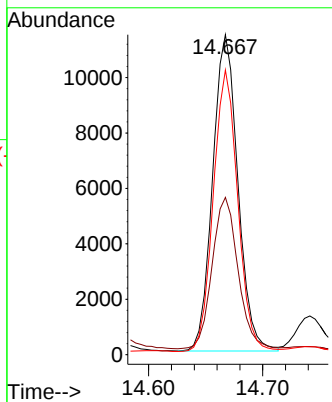
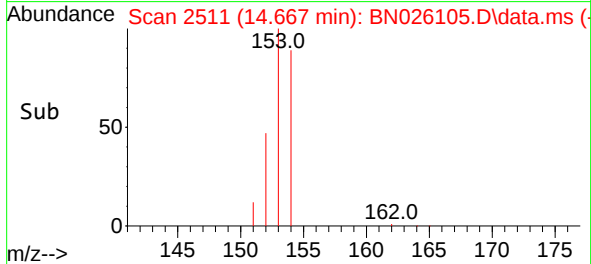
Instrument :
BNA_N
ClientSampleId :
DCFV4



Tgt Ion:153 Resp: 17520
Ion Ratio Lower Upper
153 100
152 49.2 39.4 59.0
154 89.0 68.9 103.3

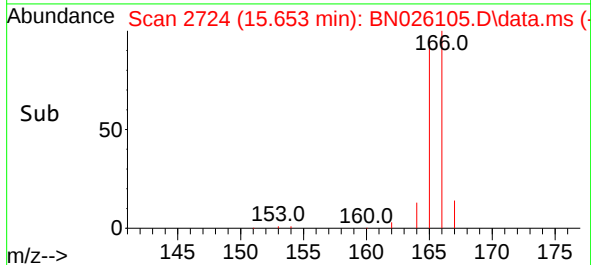
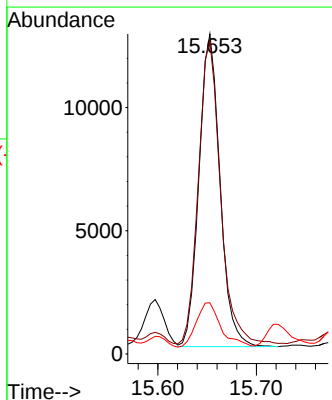
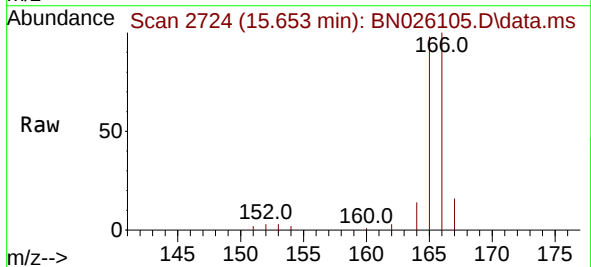
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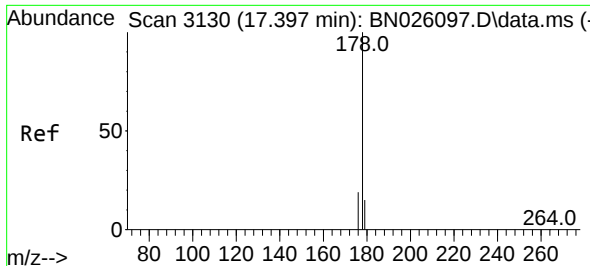
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.258 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

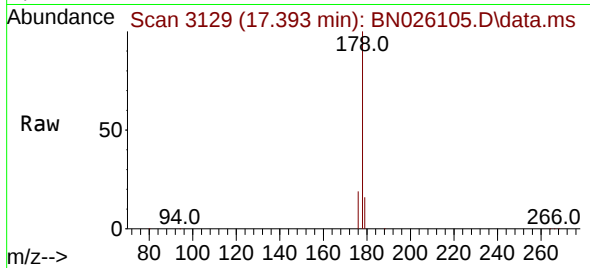
Tgt Ion:166 Resp: 18822
Ion Ratio Lower Upper
166 100
165 97.7 79.9 119.9
167 16.0 10.8 16.2





#15
Phenanthrene
Concen: 4.889 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

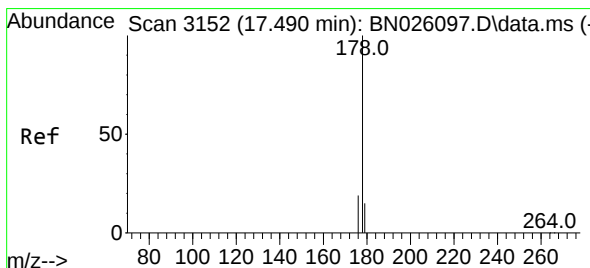
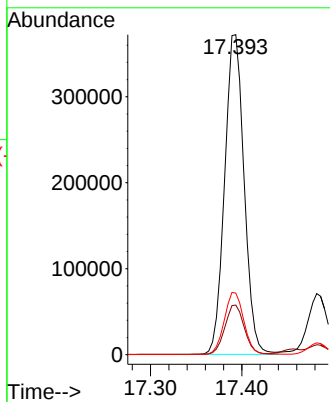
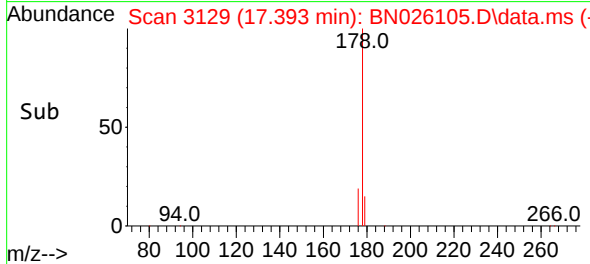
Instrument :
BNA_N
ClientSampleId :
DCFV4



Tgt Ion:178 Resp: 55143
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.8 23.6

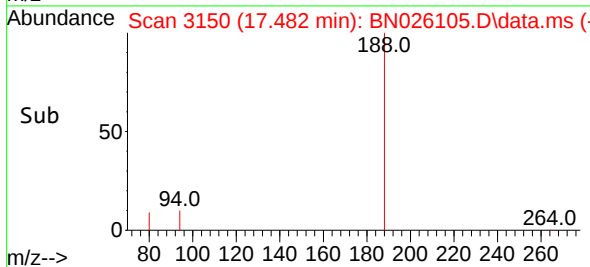
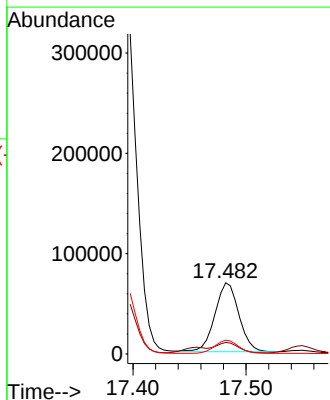
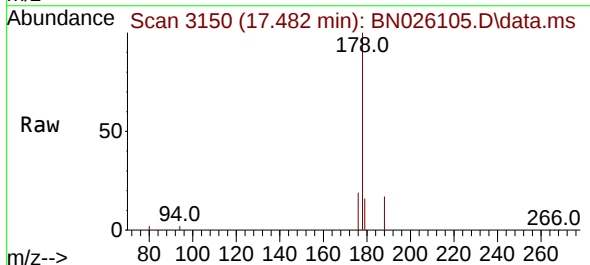
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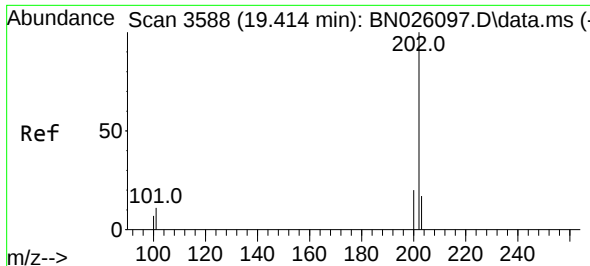
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 1.011 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

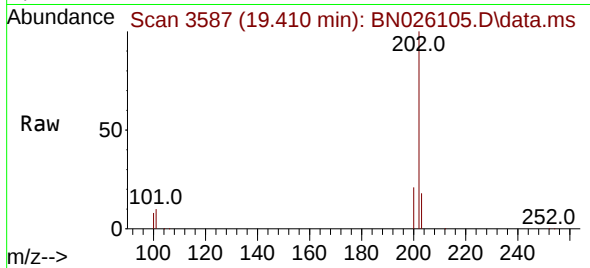
Tgt Ion:178 Resp: 101328
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.3 15.1 22.7





#19
Fluoranthene
Concen: 10.629 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

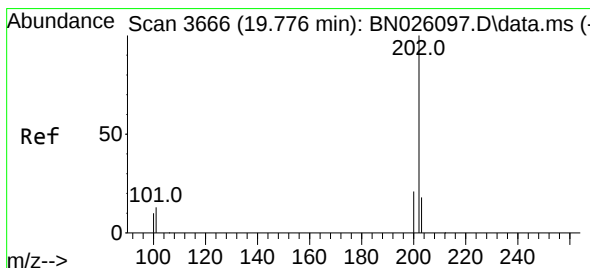
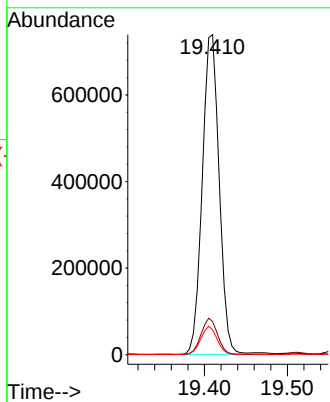
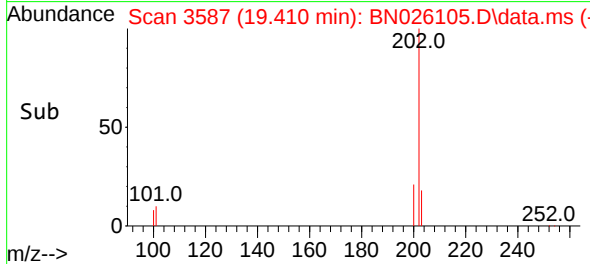
Instrument :
BNA_N
ClientSampleId :
DCFV4



Tgt Ion:202 Resp: 104871
Ion Ratio Lower Upper
202 100
101 10.3 9.5 14.3
100 7.8 7.3 10.9

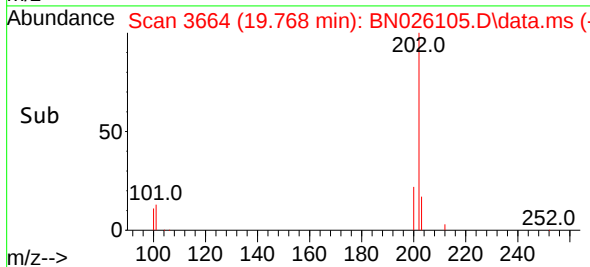
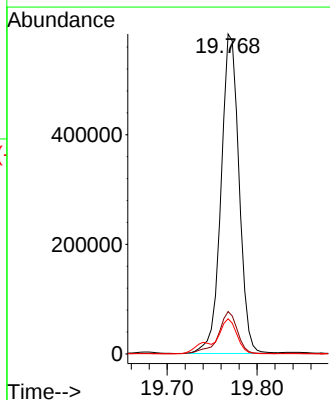
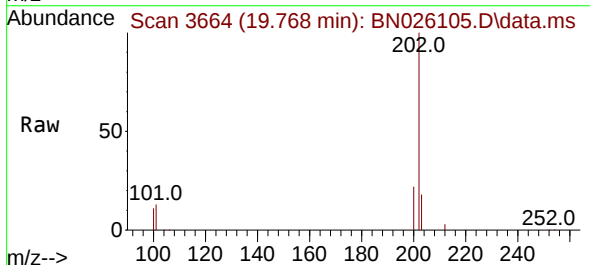
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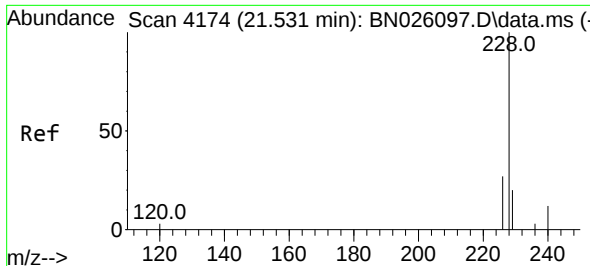
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 7.889 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.009 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

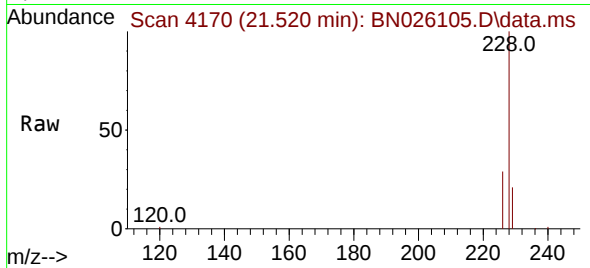
Tgt Ion:202 Resp: 809588
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.701 ng/u1
RT: 21.520 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

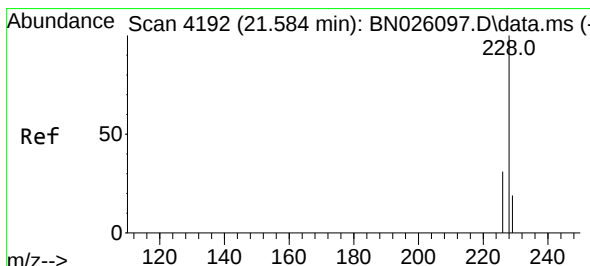
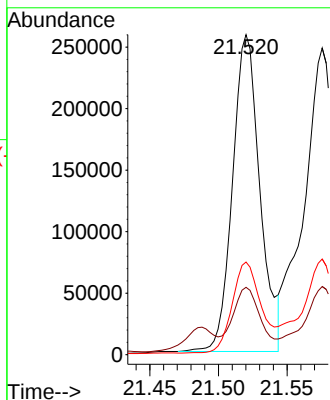
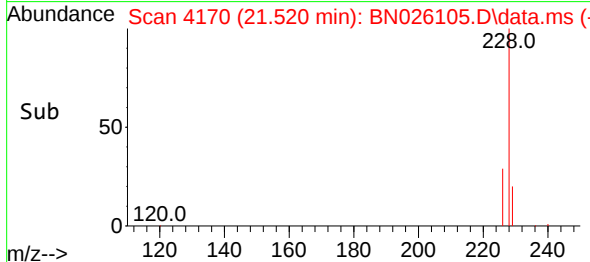
Instrument :
BNA_N
ClientSampleId :
DCFV4



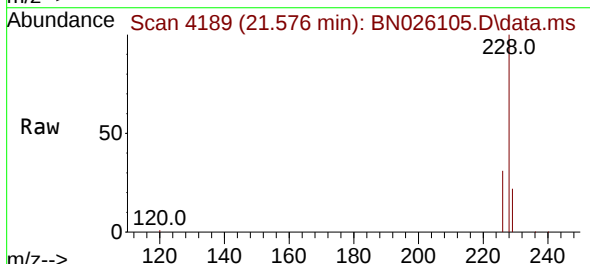
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Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 28.9 22.5 33.7

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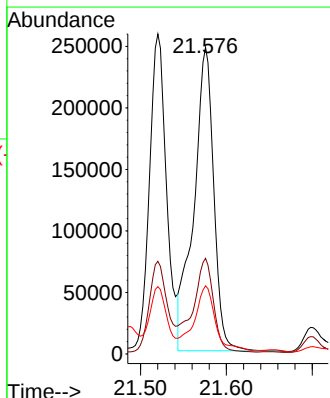
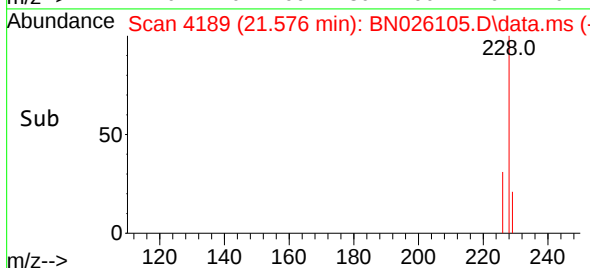
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

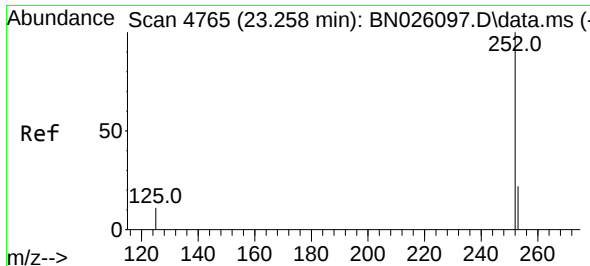


#22
Chrysene
Concen: 5.023 ng/u1
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34



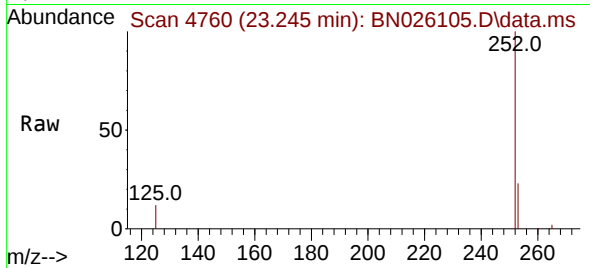
Tgt Ion:228 Resp: 398286
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.876 ng/ul m
RT: 23.245 min Scan# 4765
Delta R.T. -0.009 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

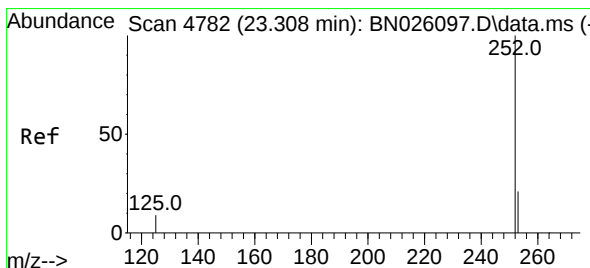
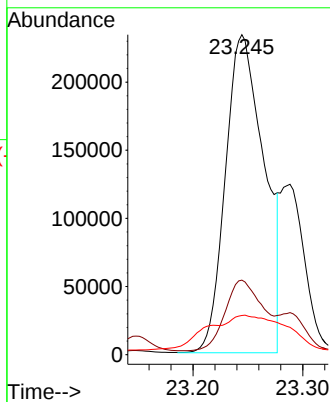
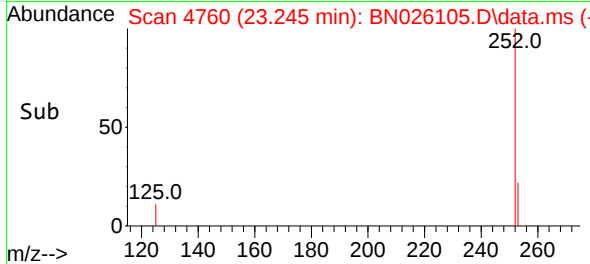
Instrument :
BNA_N
ClientSampleId :
DCFV4



Tgt Ion:252 Resp: 571960
Ion Ratio Lower Upper
252 100
253 23.3 0.0 55.6
125 12.3 0.0 35.8

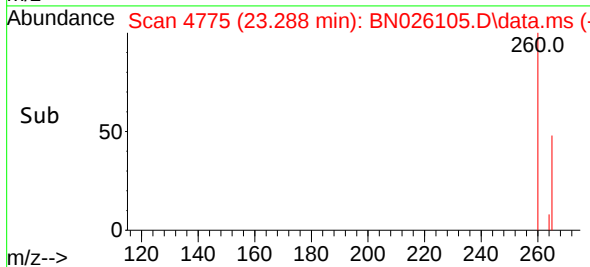
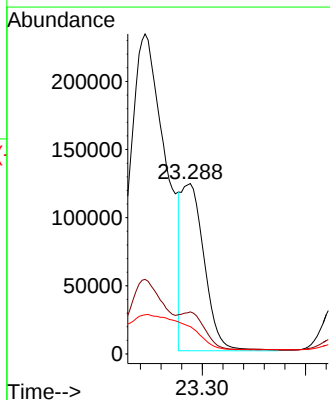
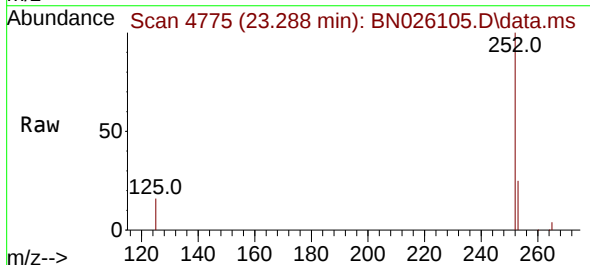
Manual Integrations
APPROVED

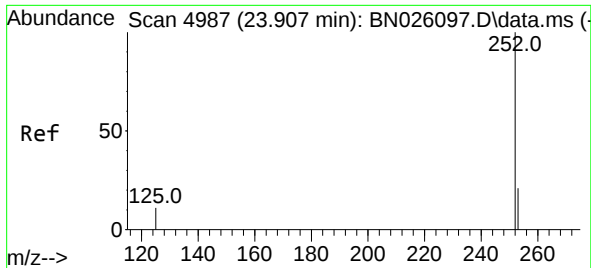
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 2.620 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.015 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

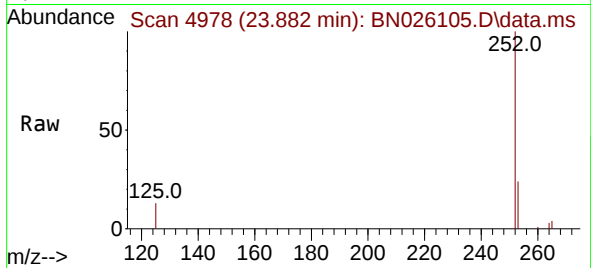
Tgt Ion:252 Resp: 191069
Ion Ratio Lower Upper
252 100
253 24.7 23.2 34.8
125 16.1 15.0 22.4





#26
Benzo(a)pyrene
Concen: 5.572 ng/ul
RT: 23.882 min Scan# 4987
Delta R.T. -0.023 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

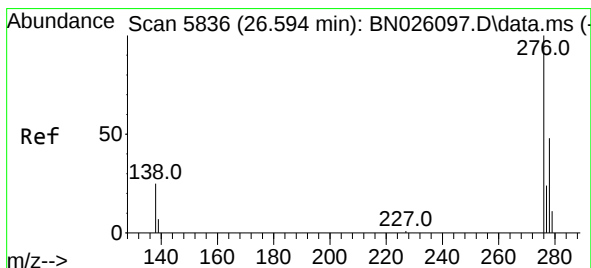
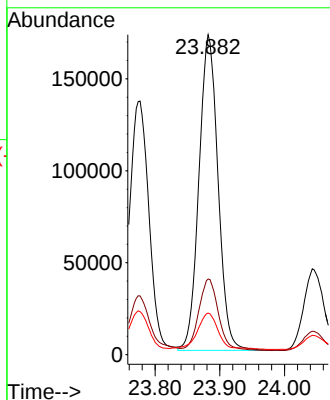
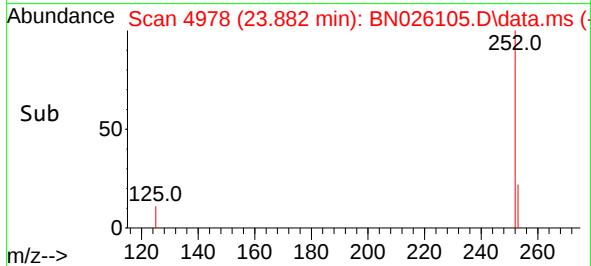
Instrument :
BNA_N
ClientSampleId :
DCFV4



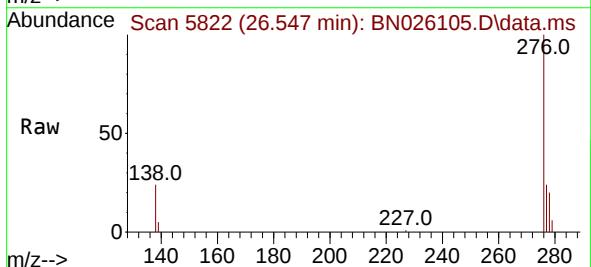
Tgt Ion:252 Resp: 351424
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0
125 13.0 17.3 25.9

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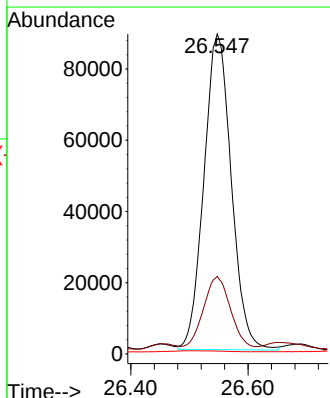
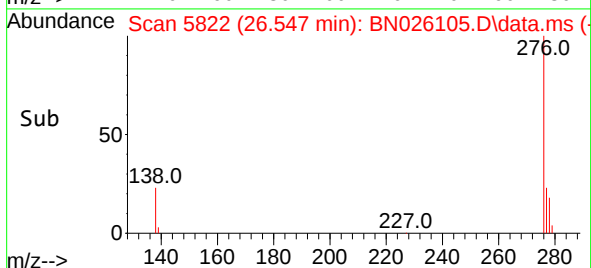
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

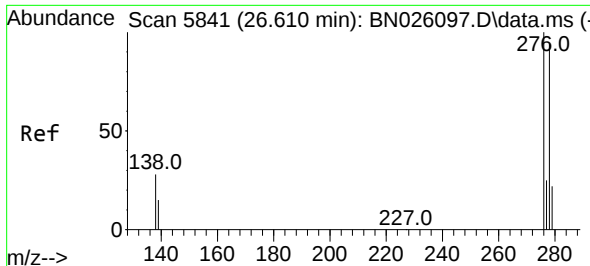


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.175 ng/ul
RT: 26.547 min Scan# 5822
Delta R.T. -0.047 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34



Tgt Ion:276 Resp: 287605
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7
227 0.0 0.0 0.0





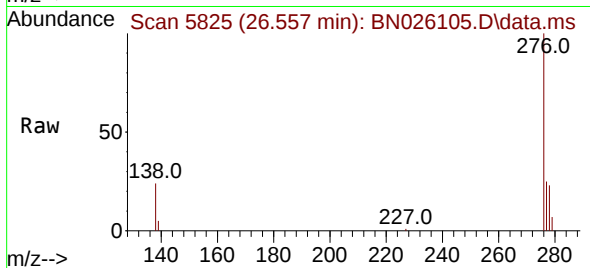
#28
Dibenzo(a,h)anthracene
Concen: 1.300 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.057 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34

Instrument :

BNA_N

ClientSampleId :

DCFV4

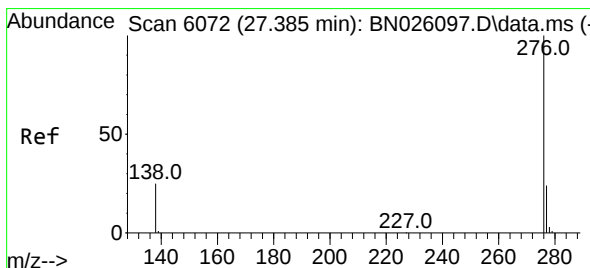
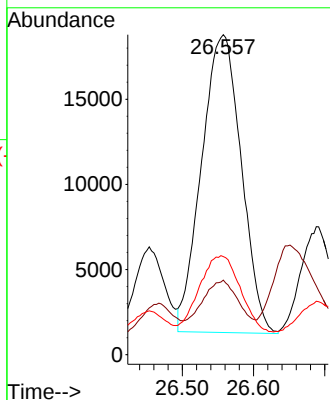
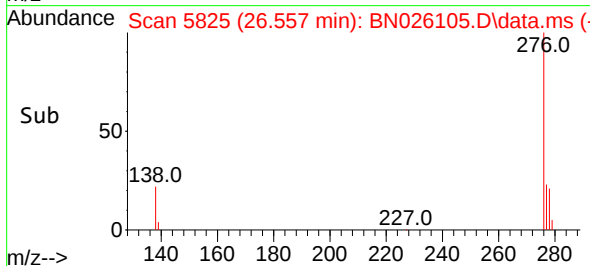


Tgt Ion:278 Resp: 67780
Ion Ratio Lower Upper
278 100
139 23.3 19.0 28.4
279 30.6 26.7 40.1

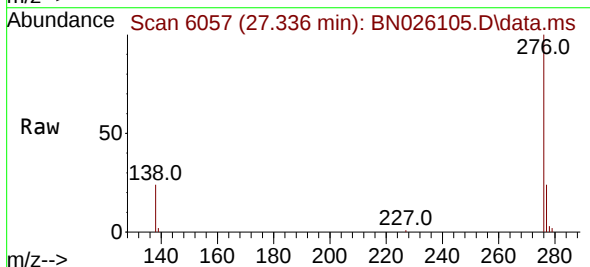
Manual Integrations

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



#29
Benzo(g,h,i)perylene
Concen: 4.219 ng/ul
RT: 27.336 min Scan# 6057
Delta R.T. -0.050 min
Lab File: BN026105.D
Acq: 29 Jun 2023 21:34



Tgt Ion:276 Resp: 258564
Ion Ratio Lower Upper
276 100
138 24.5 23.4 35.0
277 23.5 20.0 30.0

