

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026003.D
 Acq On : 24 Jun 2023 13:10
 Operator : MA/JU
 Sample : 03085-01DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFN7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:49:20 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	22006	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	13630	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	30360	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	22069	0.400	ng/ul	0.00
23) Perylene-d12	24.016	264	18006	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	6081	0.779	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1878	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	4690	0.056	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.836	128	13727	0.218	ng/ul	98
7) 2-Methylnaphthalene	12.447	142	8336	0.208	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	6473	0.156	ng/ul	99
10) Acenaphthylene	14.334	152	44247	0.693	ng/ul	99
11) Acenaphthene	14.676	153	4311	0.083	ng/ul	97
12) Fluorene	15.662	166	5795	0.097	ng/ul#	98
15) Phenanthrene	17.402	178	160306	1.599	ng/ul	99
16) Anthracene	17.490	178	40542	0.455	ng/ul	99
19) Fluoranthene	19.414	202	554058	4.700	ng/ul	98
20) Pyrene	19.777	202	474446	3.870	ng/ul	97
21) Benzo(a)anthracene	21.529	228	297477	3.267	ng/ul	97
22) Chrysene	21.581	228	328957	3.473	ng/ul	97
24) Benzo(b)fluoranthene	23.259	252	405467m	5.276	ng/ul	
25) Benzo(k)fluoranthene	23.303	252	144263m	1.869	ng/ul	
26) Benzo(a)pyrene	23.908	252	230194	3.449	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.598	276	169303	2.322	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.611	278	42146	0.764	ng/ul	97
29) Benzo(g,h,i)perylene	27.399	276	162620	2.507	ng/ul	95

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

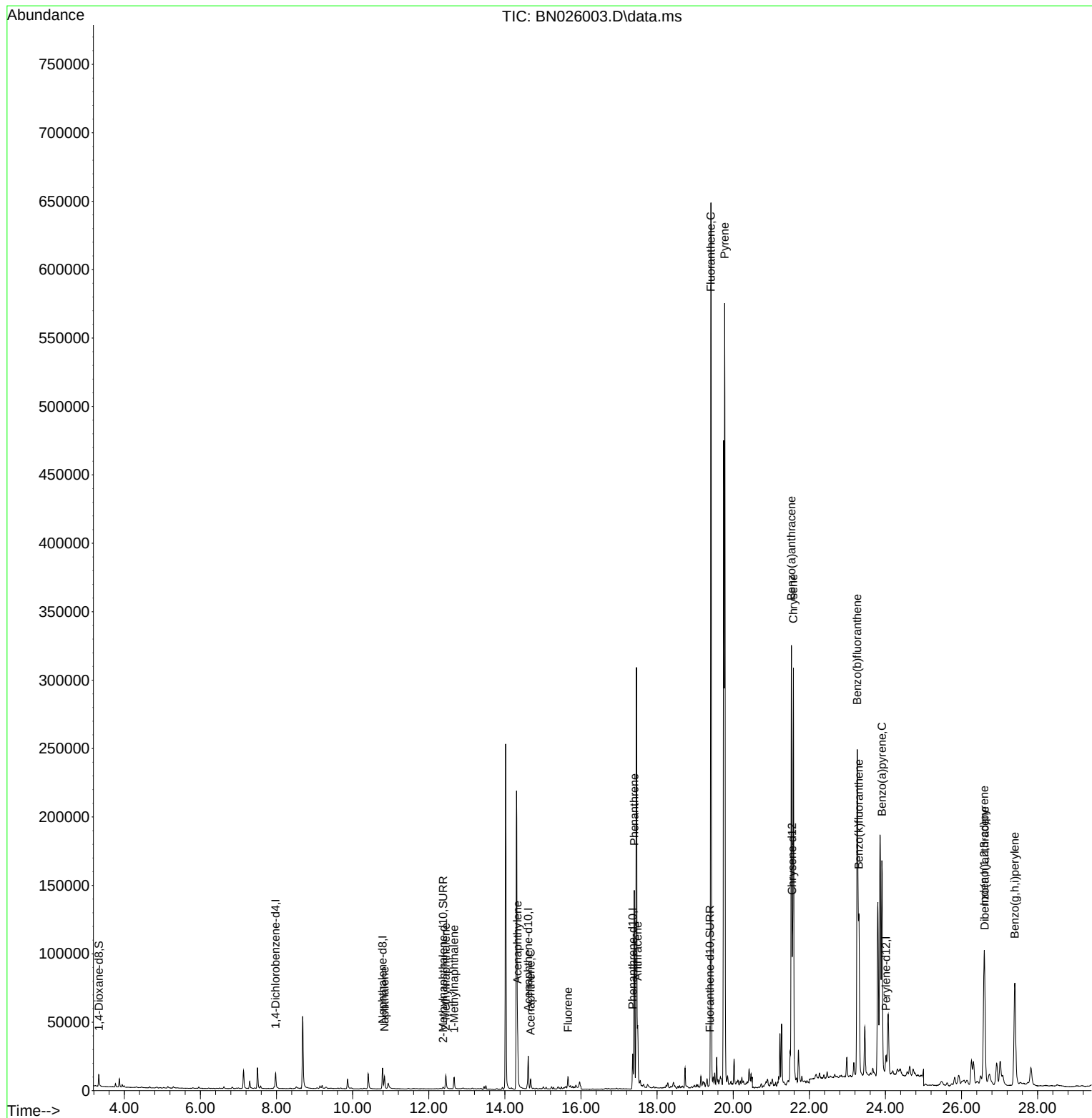
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026003.D
Acq On : 24 Jun 2023 13:10
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ALS Vial : 31 Sample Multiplier: 1

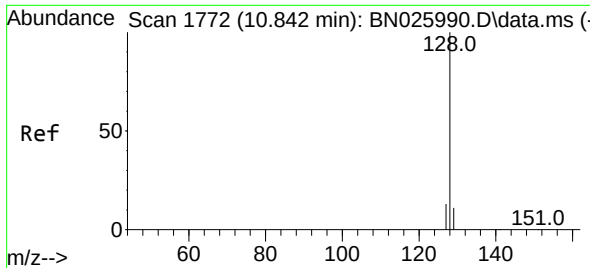
Instrument :
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Quant Time: Jun 24 23:49:20 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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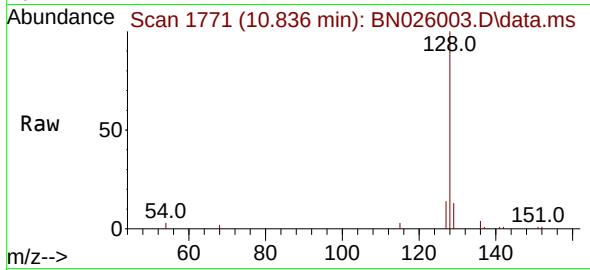
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023





#5
Naphthalene
Concen: 0.218 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

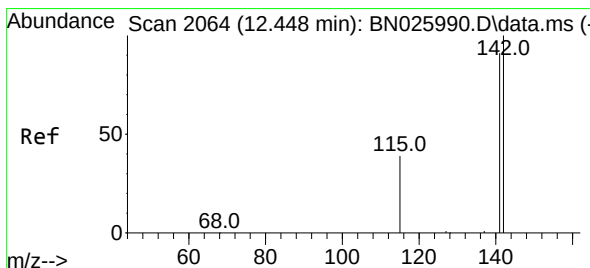
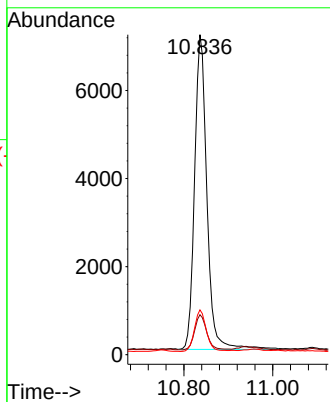
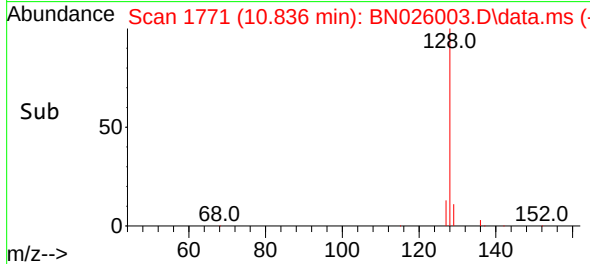
Instrument :
BNA_N
ClientSampleId :
DCFN7DL



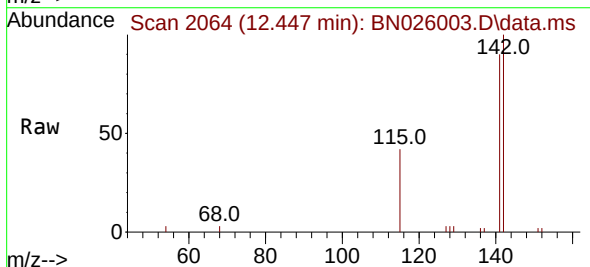
Tgt Ion:128 Resp: 1372
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.0 10.7 16.1

Manual Integrations
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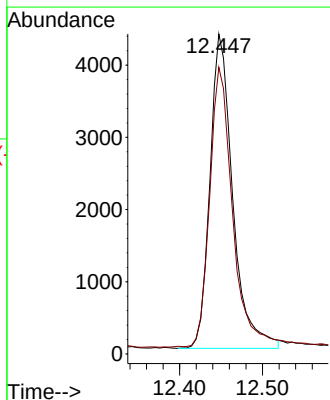
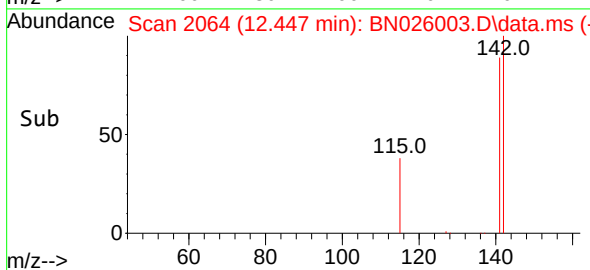
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

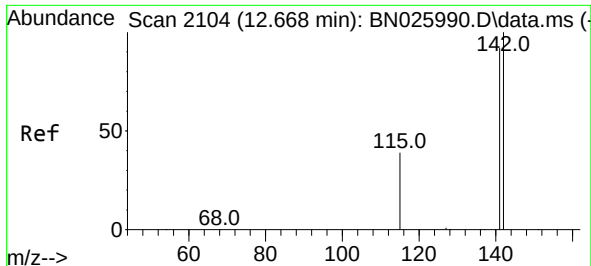


#7
2-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10



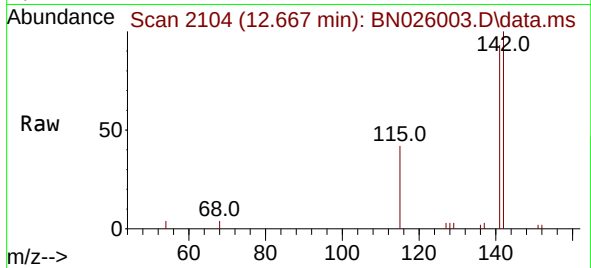
Tgt Ion:142 Resp: 8336
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

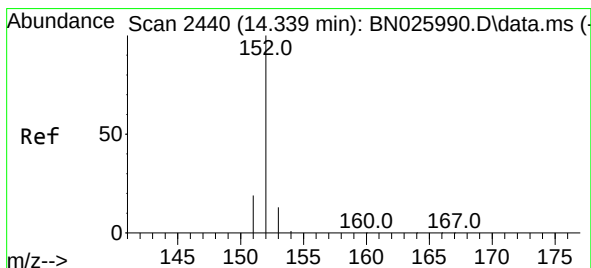
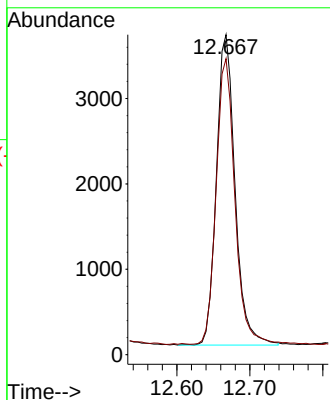
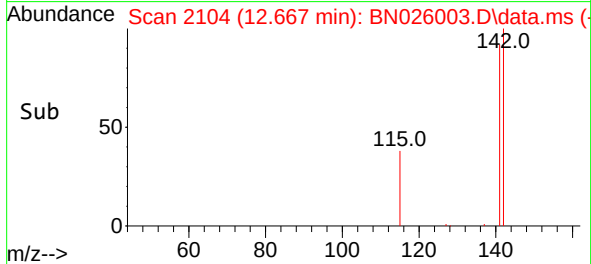
Instrument :
BNA_N
ClientSampleId :
DCFN7DL



Tgt Ion:142 Resp: 647
Ion Ratio Lower Upper
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141 92.2 74.2 111.4

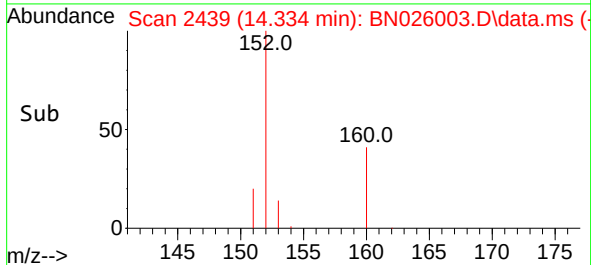
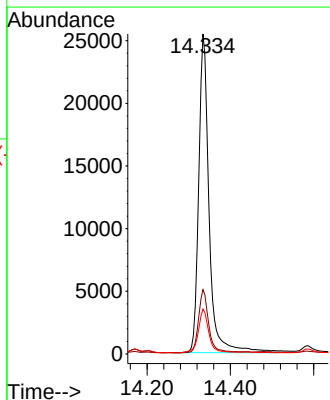
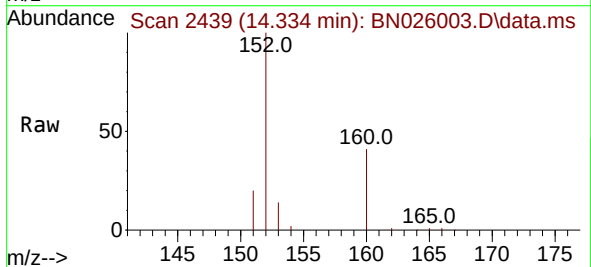
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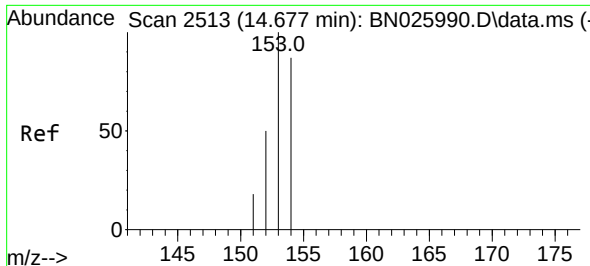
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.693 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

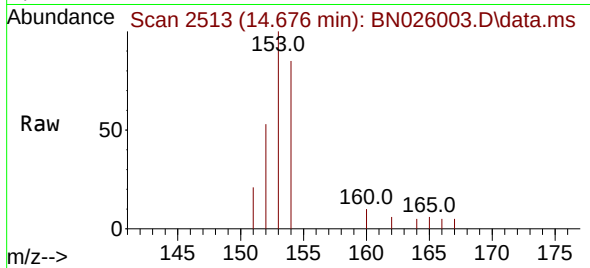
Tgt Ion:152 Resp: 44247
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.083 ng/u1
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

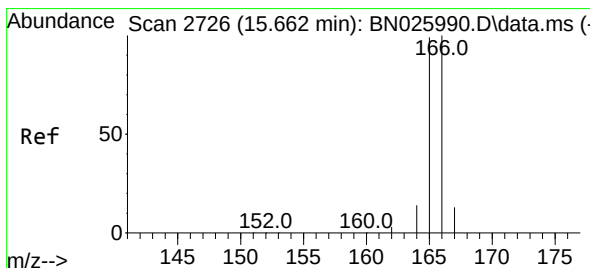
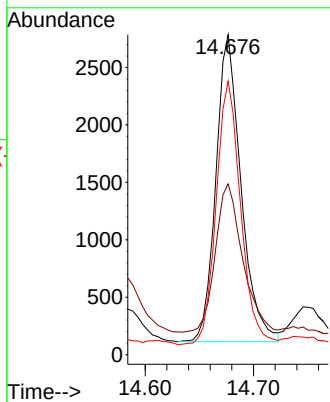
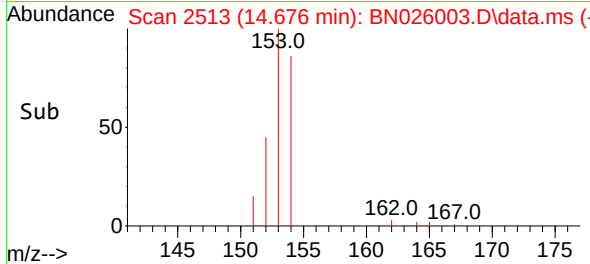
Instrument :
BNA_N
ClientSampleId :
DCFN7DL



Tgt Ion:153 Resp: 431
Ion Ratio Lower Upper
153 100
152 53.4 39.4 59.0
154 85.5 68.9 103.3

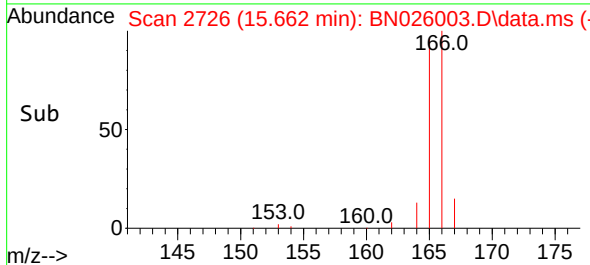
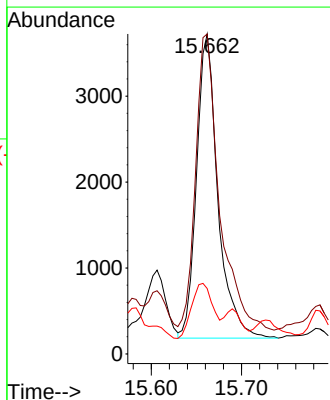
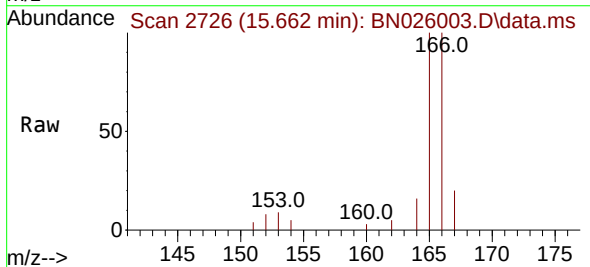
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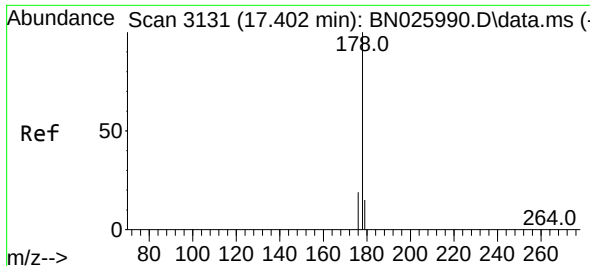
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.097 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

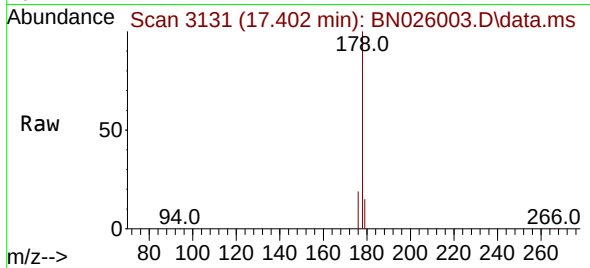
Tgt Ion:166 Resp: 5795
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 20.5 10.8 16.2#





#15
Phenanthrene
Concen: 1.599 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

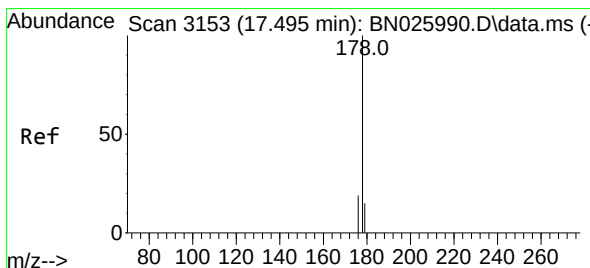
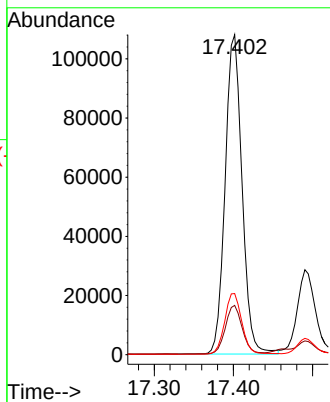
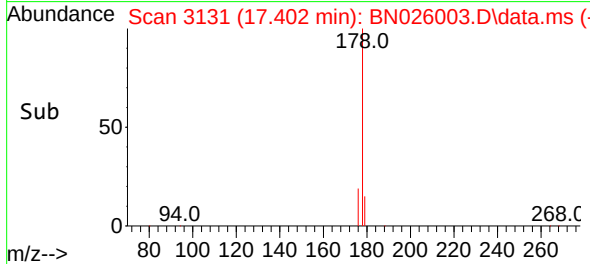
Instrument :
BNA_N
ClientSampleId :
DCFN7DL



Tgt Ion:178 Resp: 160300
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.1 15.8 23.6

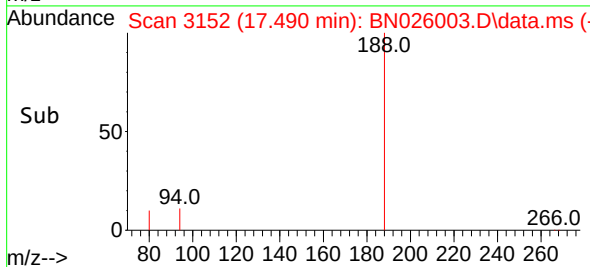
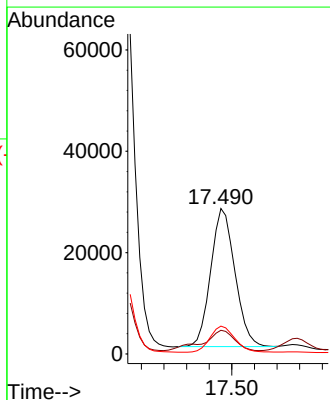
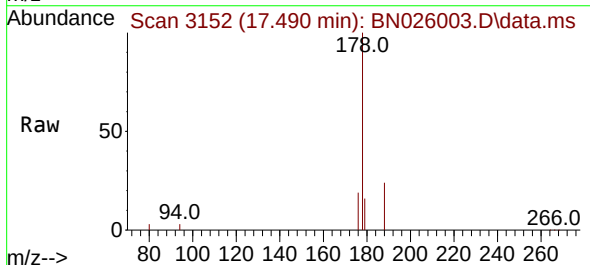
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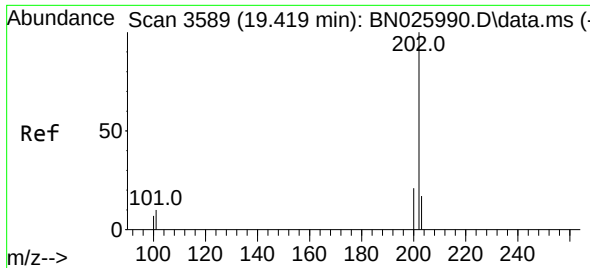
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.455 ng/u1
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

Tgt Ion:178 Resp: 40542
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.2 15.1 22.7





#19

Fluoranthene

Concen: 4.700 ng/ul

RT: 19.414 min Scan# 3589

Delta R.T. -0.005 min

Lab File: BN026003.D

Acq: 24 Jun 2023 13:10

Instrument :

BNA_N

ClientSampleId :

DCFN7DL

Tgt Ion:202 Resp: 554058

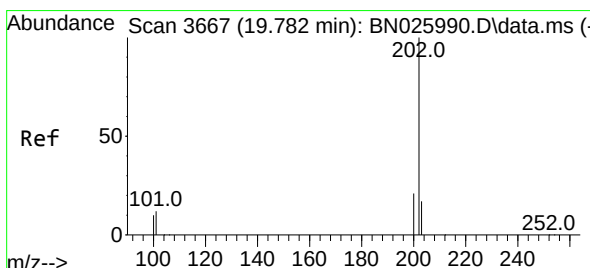
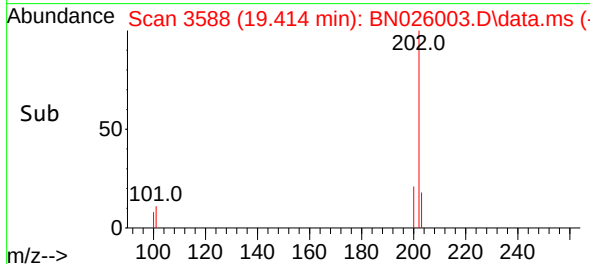
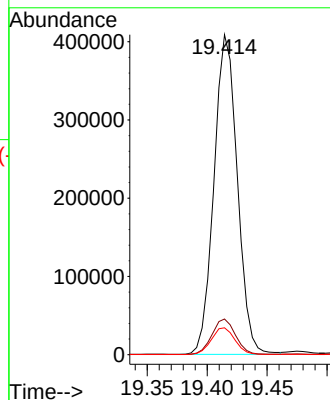
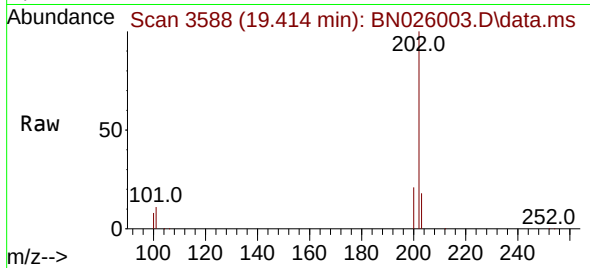
Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.5	14.3
100	8.4	7.3	10.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/25/2023

Supervised By :mohammad ahmed 06/25/2023



#20

Pyrene

Concen: 3.870 ng/ul

RT: 19.777 min Scan# 3666

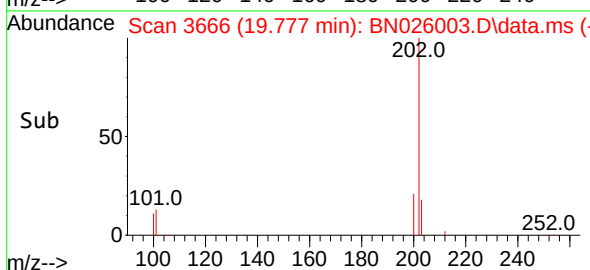
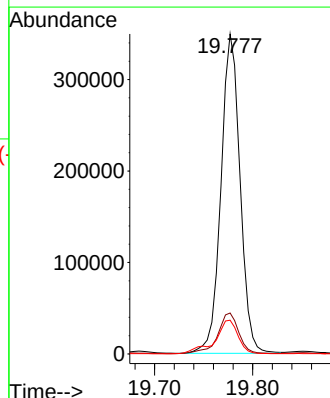
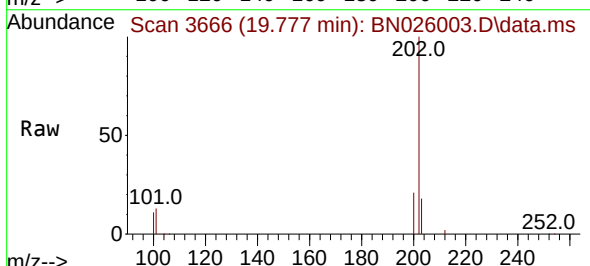
Delta R.T. -0.005 min

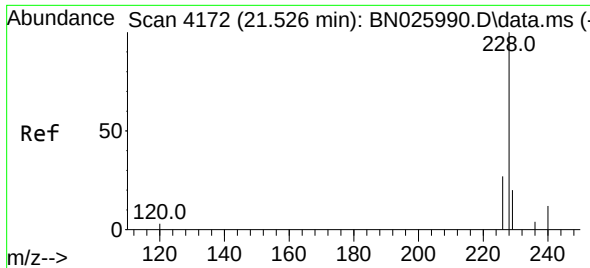
Lab File: BN026003.D

Acq: 24 Jun 2023 13:10

Tgt Ion:202 Resp: 474446

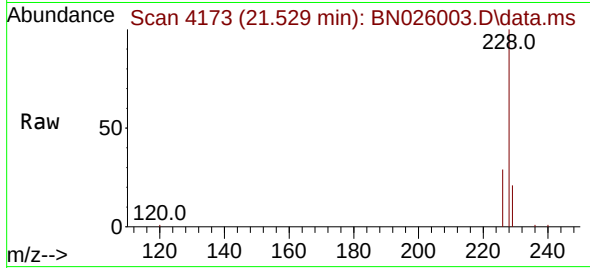
Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.4	17.0
100	10.5	9.1	13.7





#21
Benzo(a)anthracene
Concen: 3.267 ng/u1
RT: 21.529 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

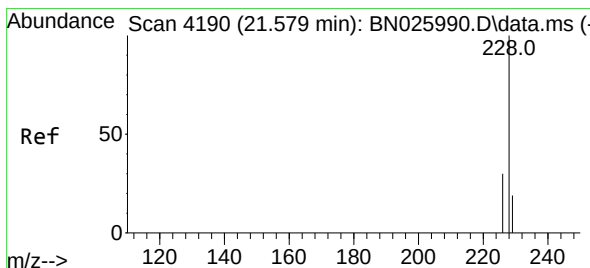
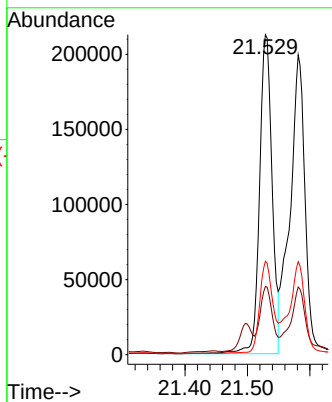
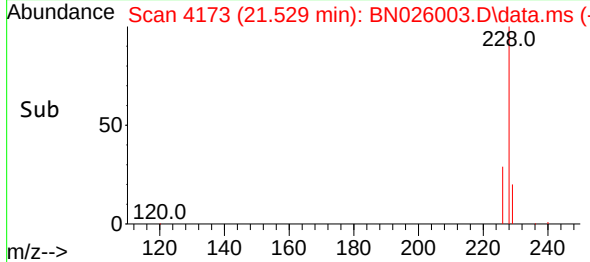
Instrument :
BNA_N
ClientSampleId :
DCFN7DL



Tgt Ion:228 Resp: 29747
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 29.2 22.5 33.7

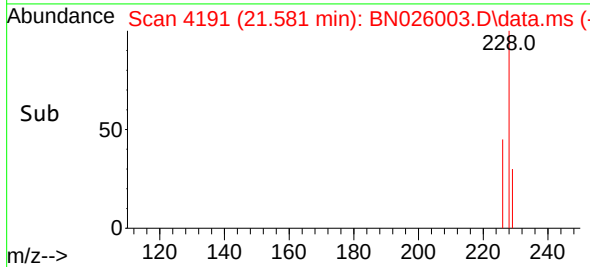
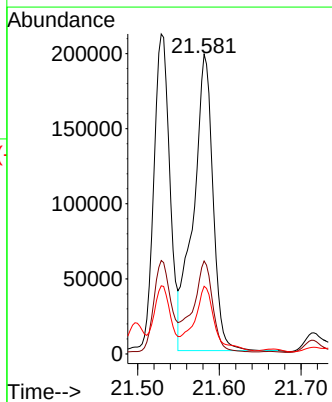
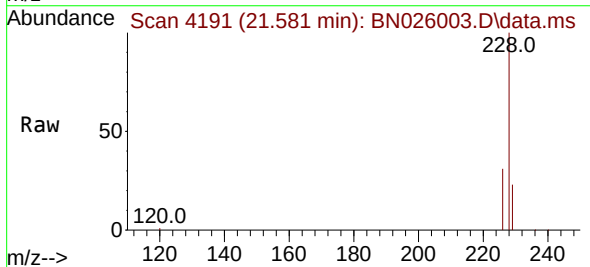
Manual Integrations
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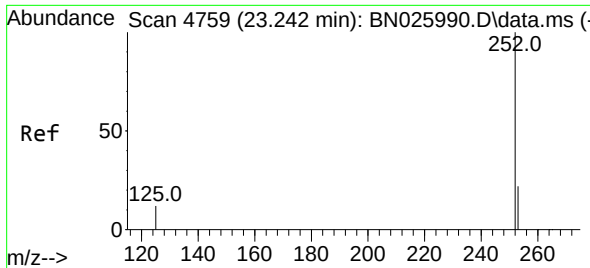
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 3.473 ng/u1
RT: 21.581 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

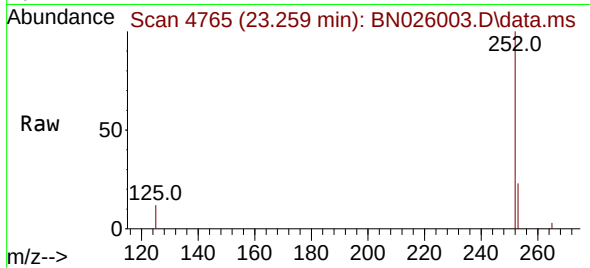
Tgt Ion:228 Resp: 328957
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.276 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

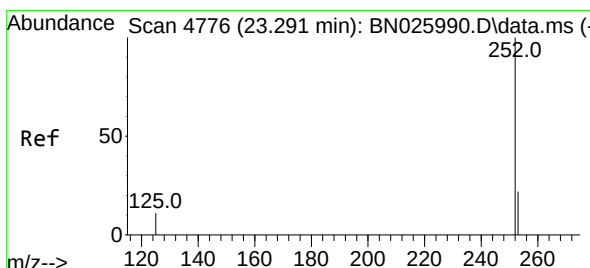
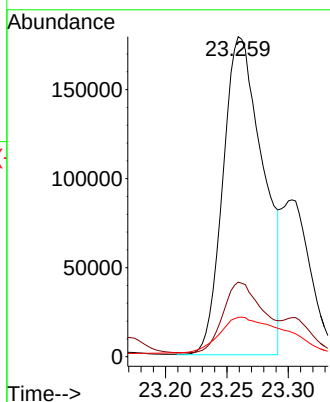
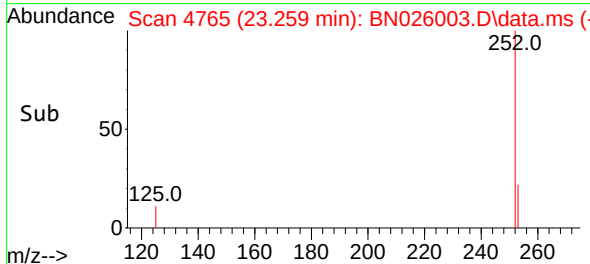
Instrument :
BNA_N
ClientSampleId :
DCFN7DL



Tgt Ion:252 Resp: 40546
Ion Ratio Lower Upper
252 100
253 23.3 0.0 55.6
125 12.3 0.0 35.8

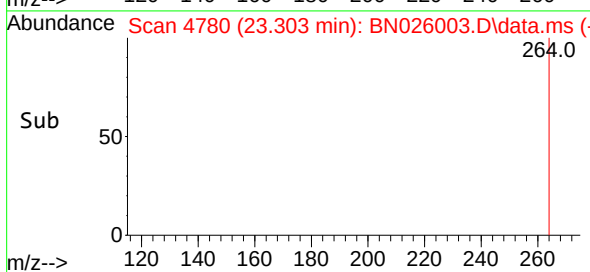
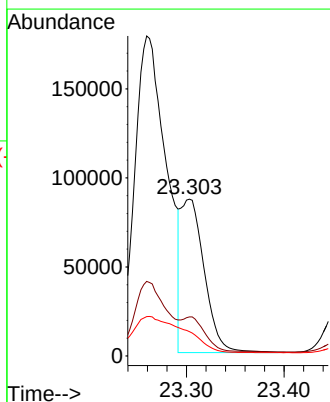
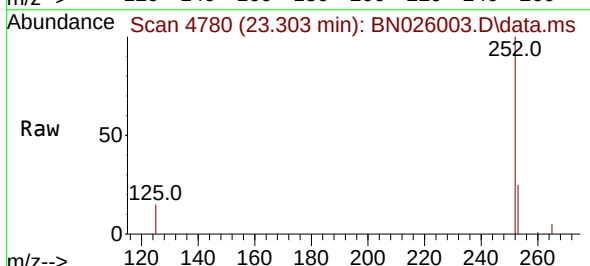
Manual Integrations
APPROVED

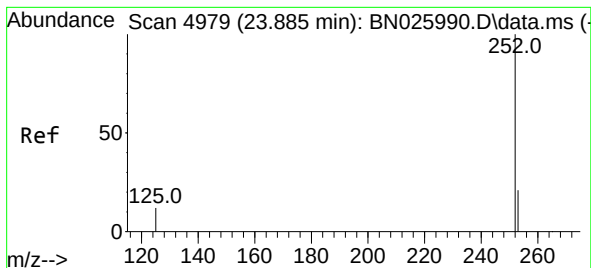
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 1.869 ng/ul m
RT: 23.303 min Scan# 4780
Delta R.T. -0.006 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

Tgt Ion:252 Resp: 144263
Ion Ratio Lower Upper
252 100
253 24.9 23.2 34.8
125 15.5 15.0 22.4





#26

Benzo(a)pyrene

Concen: 3.449 ng/ul

RT: 23.908 min Scan# 4979

Delta R.T. -0.000 min

Lab File: BN026003.D

Acq: 24 Jun 2023 13:10

Instrument :

BNA_N

ClientSampleId :

DCFN7DL

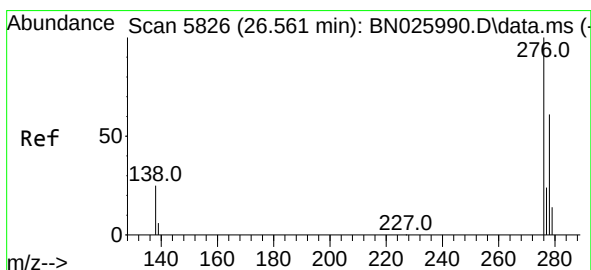
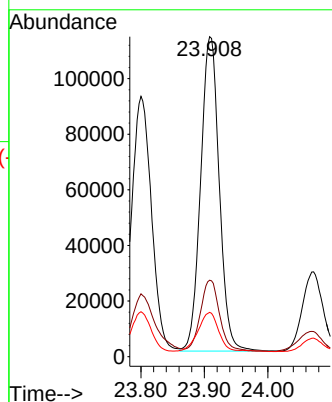
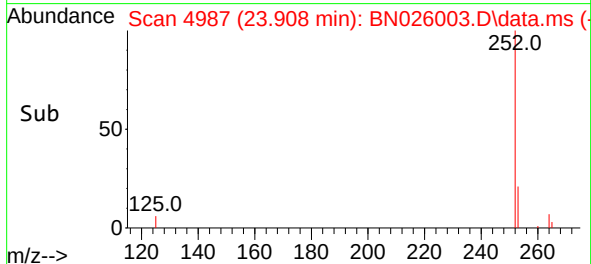
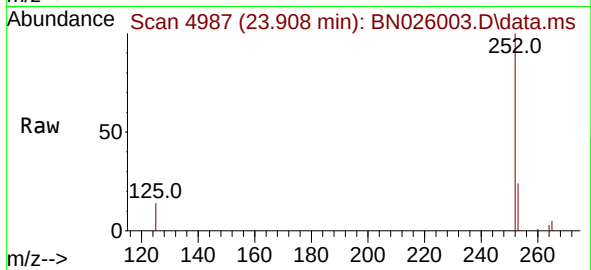
Tgt Ion:252 Resp: 230194
 Ion Ratio Lower Upper
 252 100
 253 23.9 26.0 39.0#
 125 13.8 17.3 25.9#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2023

Supervised By :mohammad ahmed 06/25/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.322 ng/ul

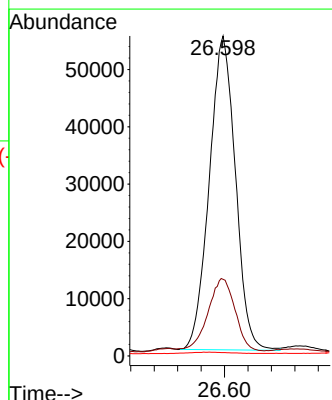
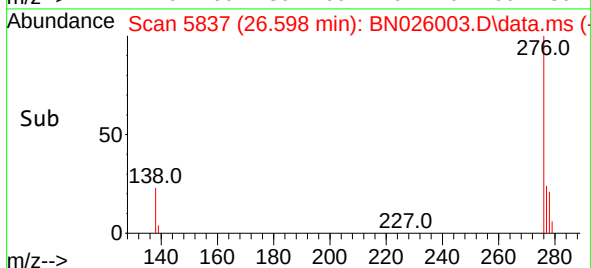
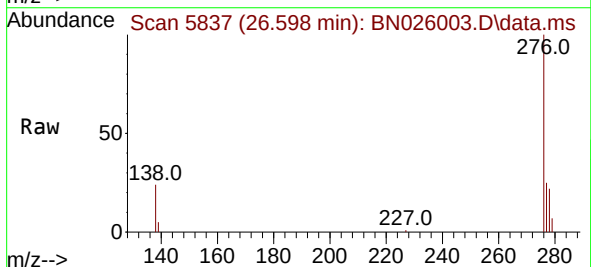
RT: 26.598 min Scan# 5837

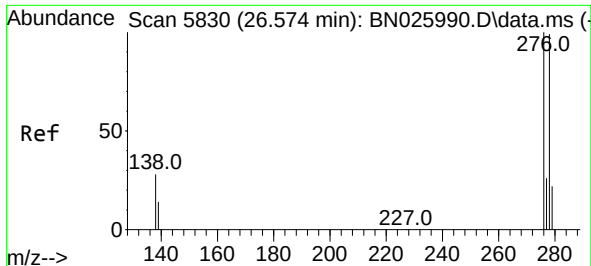
Delta R.T. 0.003 min

Lab File: BN026003.D

Acq: 24 Jun 2023 13:10

Tgt Ion:276 Resp: 169303
 Ion Ratio Lower Upper
 276 100
 138 24.4 24.5 36.7#
 227 0.0 0.0 0.0





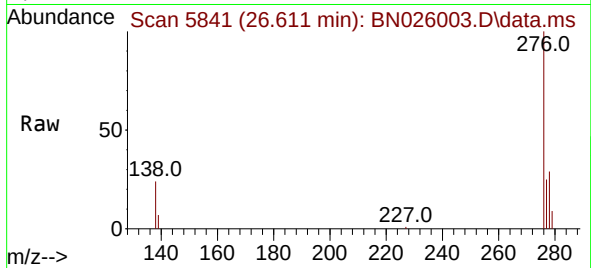
#28
Dibenzo(a,h)anthracene
Concen: 0.764 ng/ul
RT: 26.611 min Scan# 5841
Delta R.T. -0.010 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10

Instrument :

BNA_N

ClientSampleId :

DCFN7DL

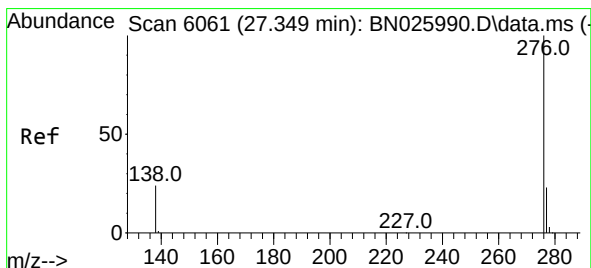
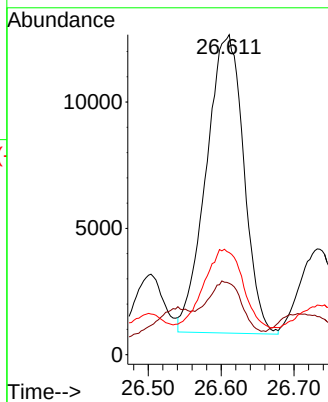
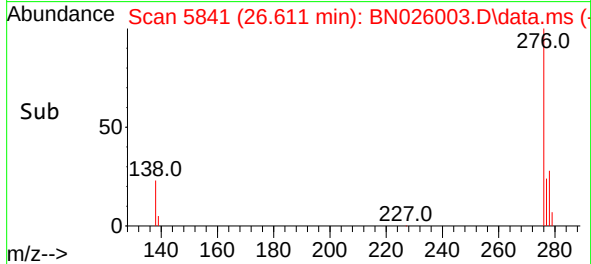


Tgt Ion:278 Resp: 42140
Ion Ratio Lower Upper
278 100
139 22.3 19.0 28.4
279 31.9 26.7 40.1

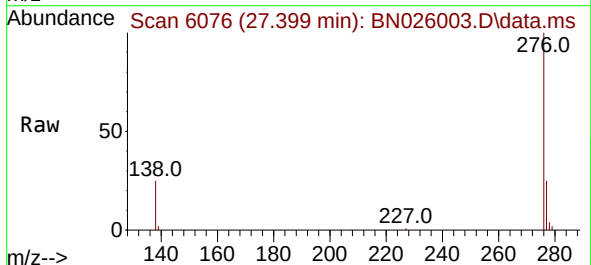
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 2.507 ng/ul
RT: 27.399 min Scan# 6076
Delta R.T. 0.013 min
Lab File: BN026003.D
Acq: 24 Jun 2023 13:10



Tgt Ion:276 Resp: 162620
Ion Ratio Lower Upper
276 100
138 24.7 23.4 35.0
277 24.6 20.0 30.0

