

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026000.D
 Acq On : 24 Jun 2023 11:22
 Operator : MA/JU
 Sample : 03085-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ4

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:48:52 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	6658	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	21670	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	13213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	28836	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	19164	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	15505	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4888	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1665	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	3884	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	1808	0.029	ng/ul#	84
7) 2-Methylnaphthalene	12.453	142	1113	0.028	ng/ul	98
8) 1-Methylnaphthalene	12.667	142	900	0.022	ng/ul	99
10) Acenaphthylene	14.335	152	4444	0.072	ng/ul#	93
11) Acenaphthene	14.677	153	1320	0.026	ng/ul	94
12) Fluorene	15.663	166	1467	0.025	ng/ul#	93
15) Phenanthrene	17.403	178	45148	0.474	ng/ul	100
16) Anthracene	17.491	178	8133	0.096	ng/ul#	92
19) Fluoranthene	19.415	202	183812	1.796	ng/ul	98
20) Pyrene	19.778	202	151040	1.419	ng/ul	97
21) Benzo(a)anthracene	21.530	228	68061	0.861	ng/ul	98
22) Chrysene	21.585	228	80047	0.973	ng/ul#	95
24) Benzo(b)fluoranthene	23.254	252	104734m	1.583	ng/ul	
25) Benzo(k)fluoranthene	23.298	252	31471m	0.474	ng/ul	
26) Benzo(a)pyrene	23.895	252	57339	0.998	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.565	276	46283	0.737	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.575	278	10335	0.218	ng/ul#	82
29) Benzo(g,h,i)perylene	27.360	276	42371	0.759	ng/ul	99

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

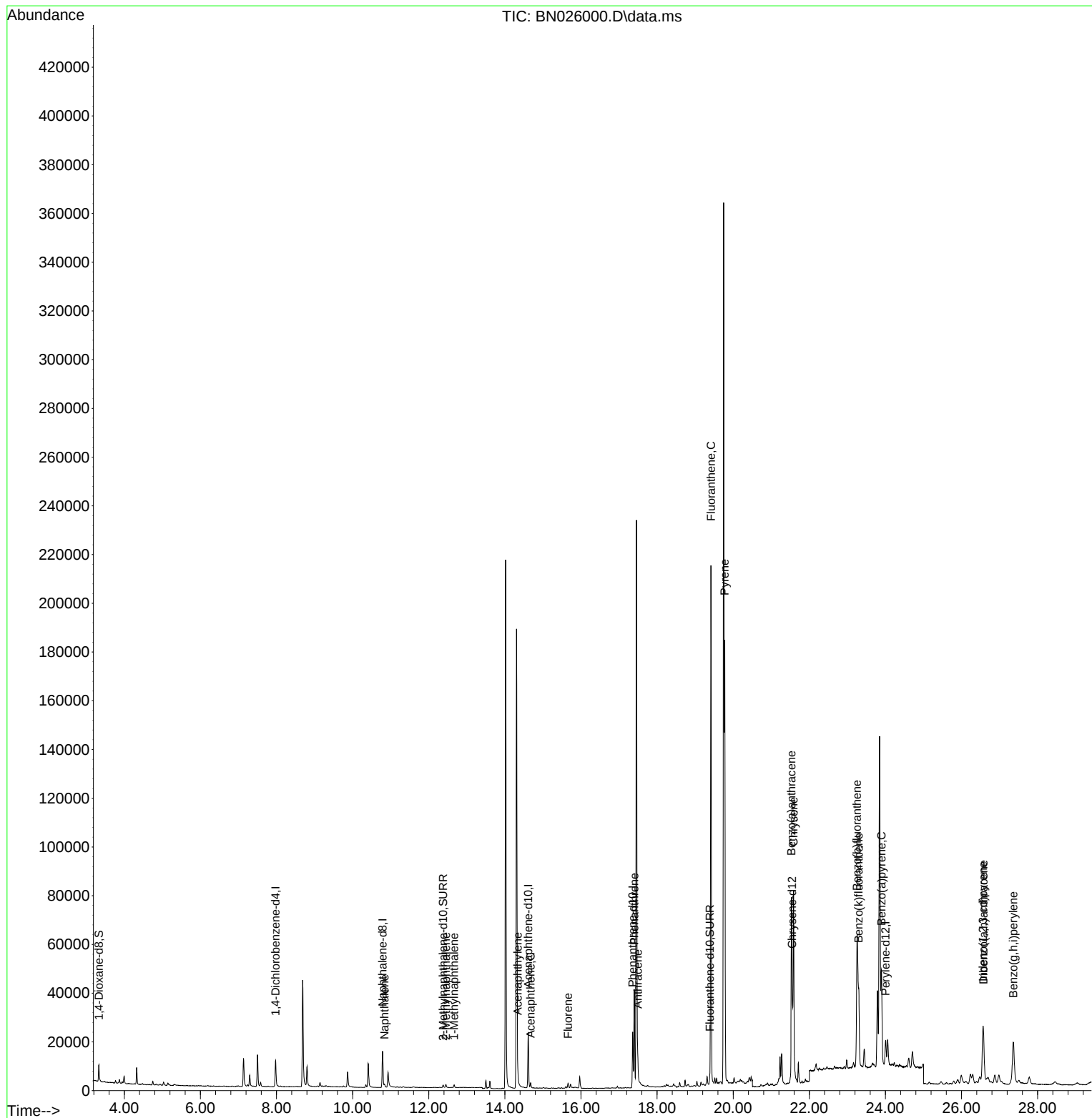
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026000.D
Acq On : 24 Jun 2023 11:22
Operator : MA/JU
Sample : 03085-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

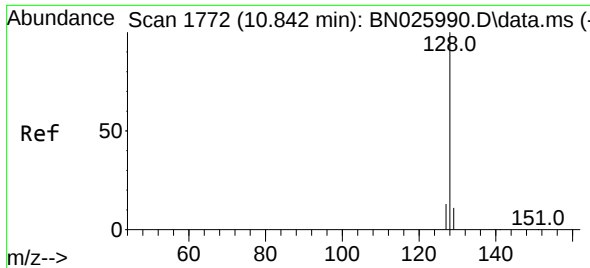
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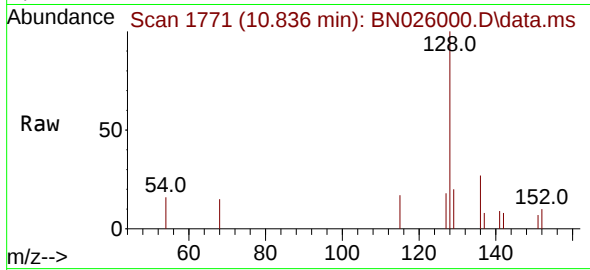
Quant Time: Jun 24 23:48:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

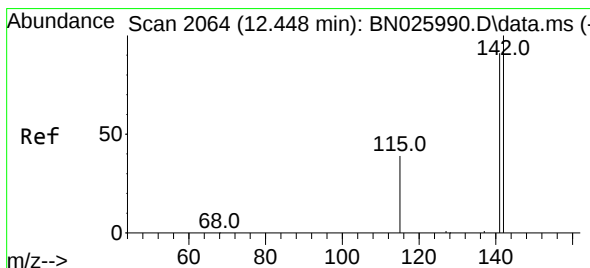
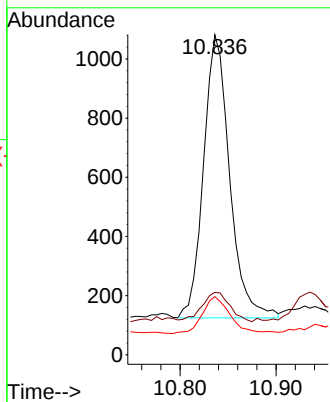
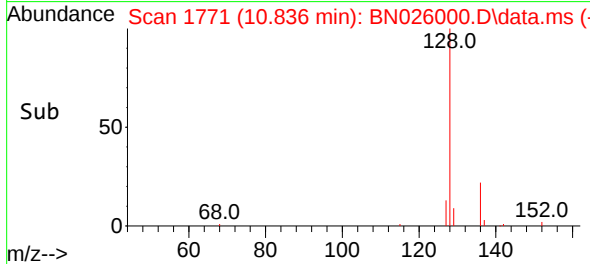
Instrument :
BNA_N
ClientSampleId :
DCFQ4



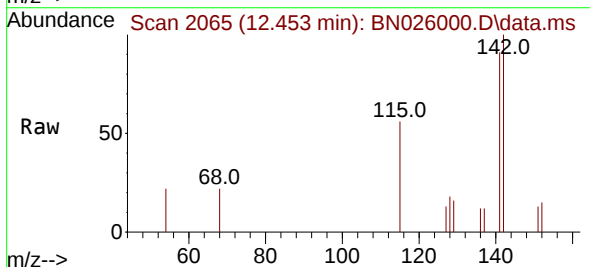
Tgt Ion:128 Resp: 1808
Ion Ratio Lower Upper
128 100
129 19.5 9.1 13.7
127 18.2 10.7 16.1

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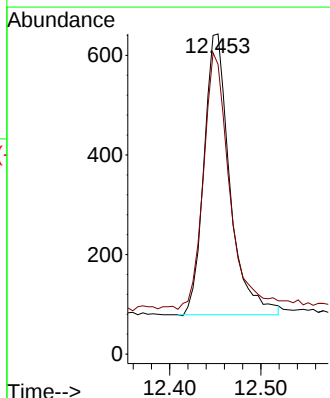
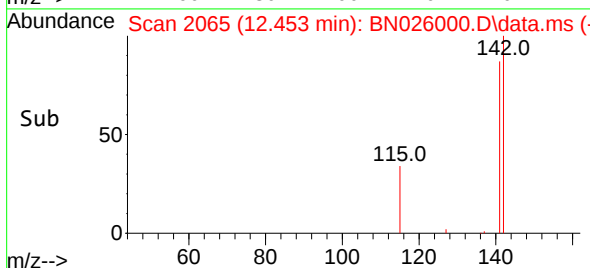
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

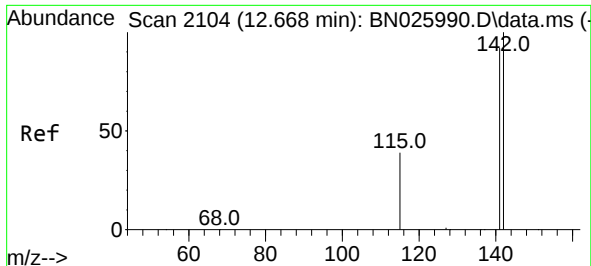


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22



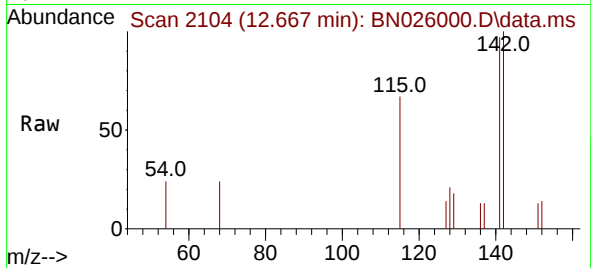
Tgt Ion:142 Resp: 1113
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

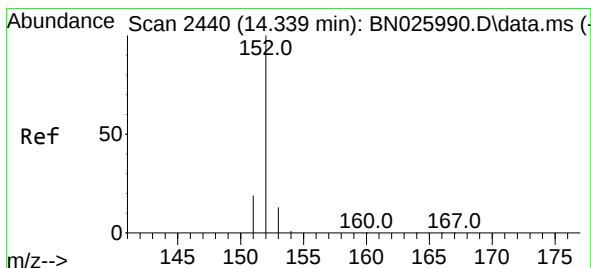
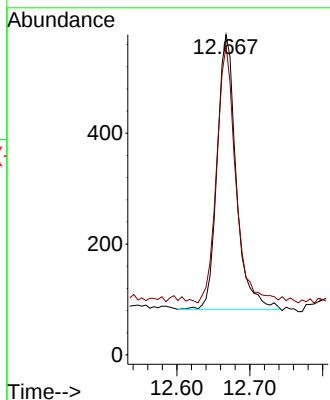
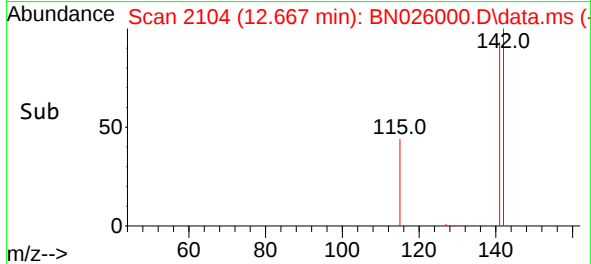
Instrument :
BNA_N
ClientSampleId :
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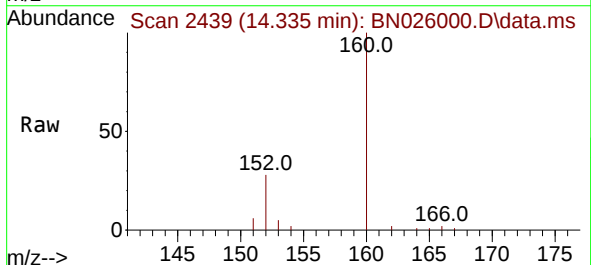
Tgt Ion:142 Resp: 900
Ion Ratio Lower Upper
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141 93.4 74.2 111.4

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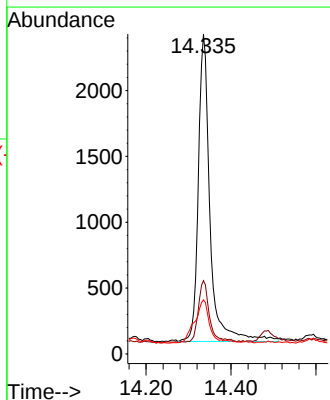
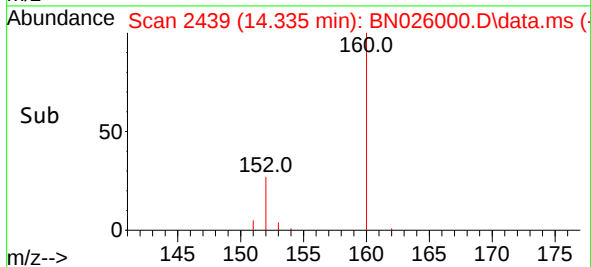
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

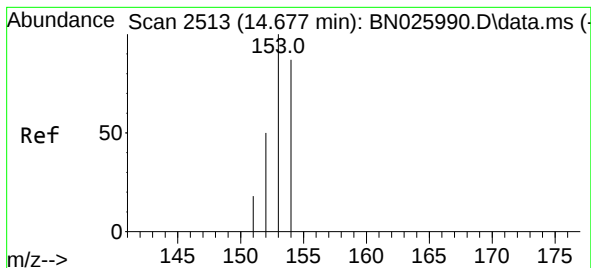


#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 14.335 min Scan# 2439
Delta R.T. -0.008 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22



Tgt Ion:152 Resp: 4444
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.4
153 16.9 10.9 16.3#





#11

Acenaphthene

Concen: 0.026 ng/u1

RT: 14.677 min Scan# 2513

Delta R.T. -0.004 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

DCFQ4

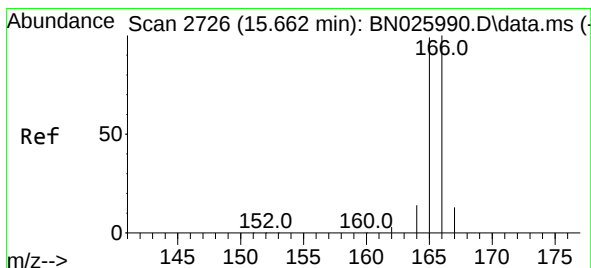
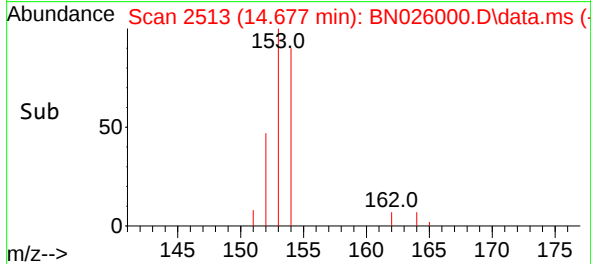
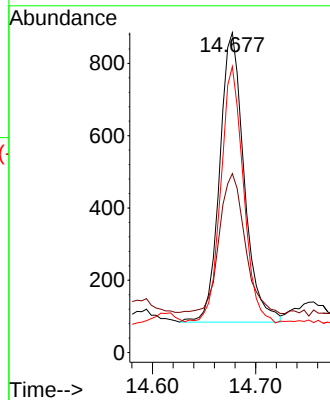
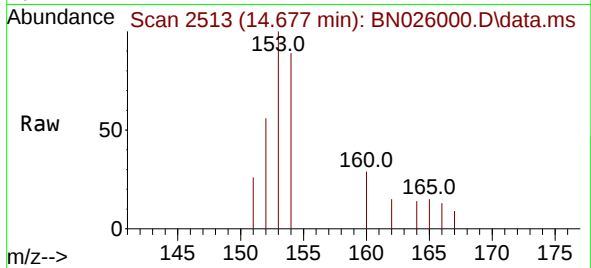
Tgt Ion:	153	Resp:	1320
Ion	Ratio	Lower	Upper
153	100		
152	55.9	39.4	59.0
154	89.4	68.9	103.3

Manual Integrations

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Supervised By :mohammad ahmed 06/25/2023



#12

Fluorene

Concen: 0.025 ng/u1

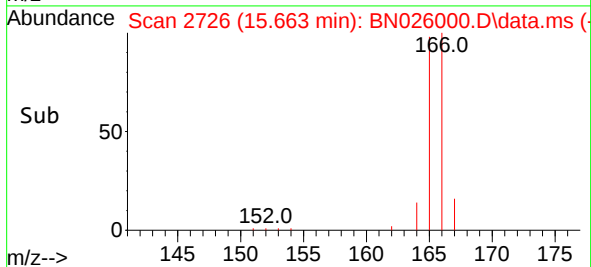
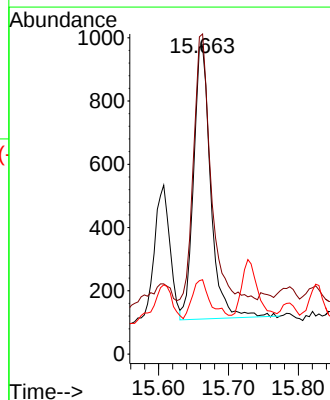
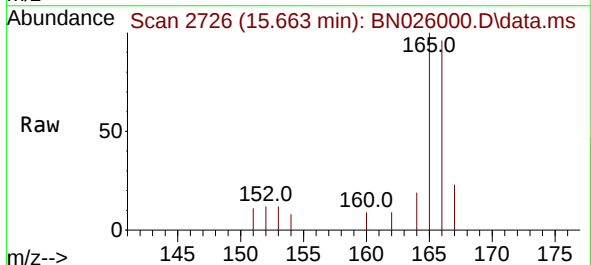
RT: 15.663 min Scan# 2726

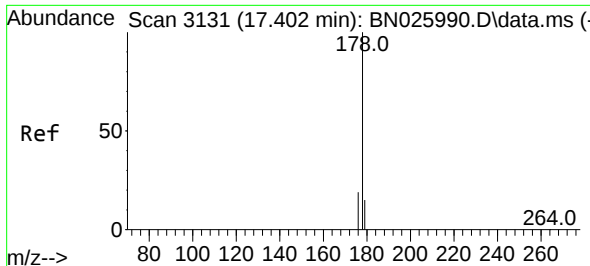
Delta R.T. -0.004 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

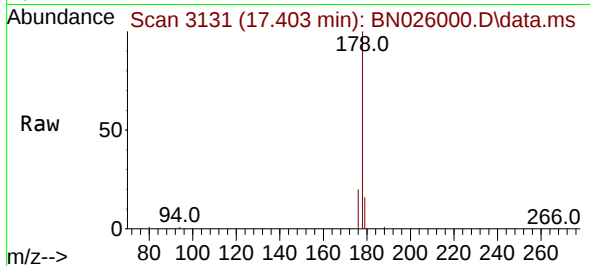
Tgt Ion:	166	Resp:	1467
Ion	Ratio	Lower	Upper
166	100		
165	104.1	79.9	119.9
167	24.2	10.8	16.2





#15
Phenanthrene
Concen: 0.474 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

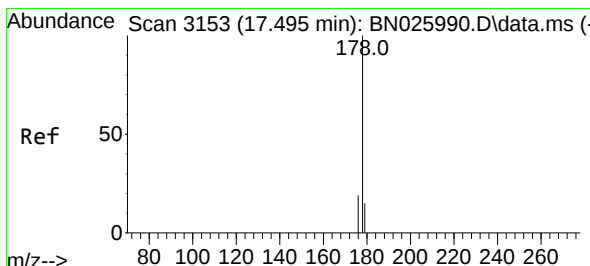
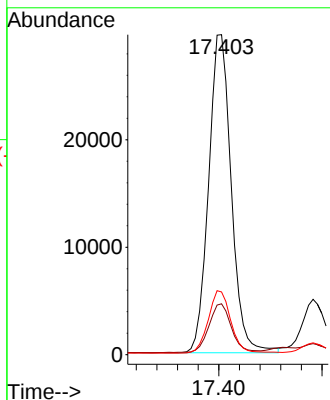
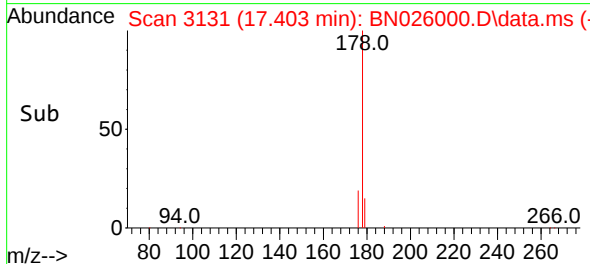
Instrument :
BNA_N
ClientSampleId :
DCFQ4



Tgt Ion:178 Resp: 45148
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.6 15.8 23.6

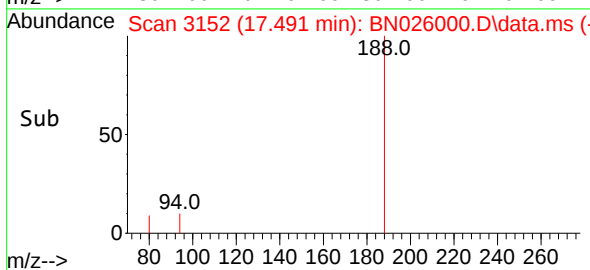
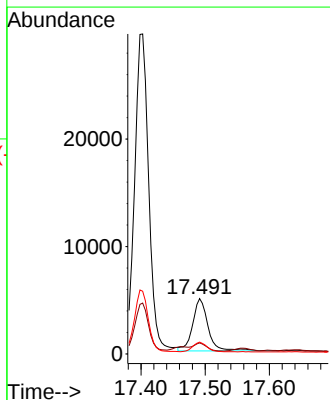
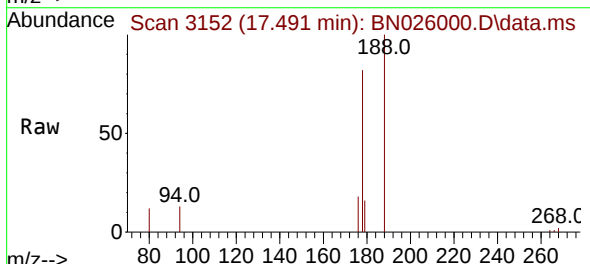
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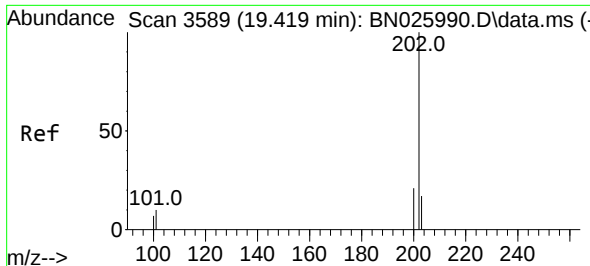
Reviewed By :Yogesh Patel 06/25/2023
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#16
Anthracene
Concen: 0.096 ng/ul
RT: 17.491 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

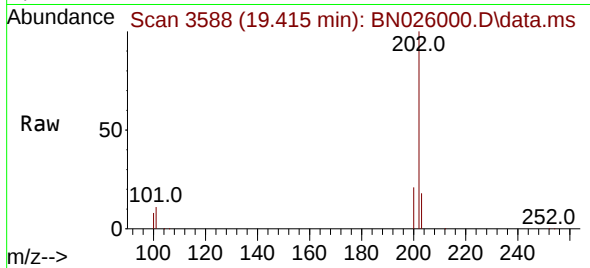
Tgt Ion:178 Resp: 8133
Ion Ratio Lower Upper
178 100
179 19.9 12.6 18.8#
176 21.6 15.1 22.7





#19
Fluoranthene
Concen: 1.796 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

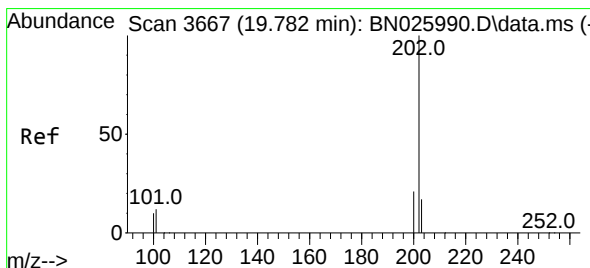
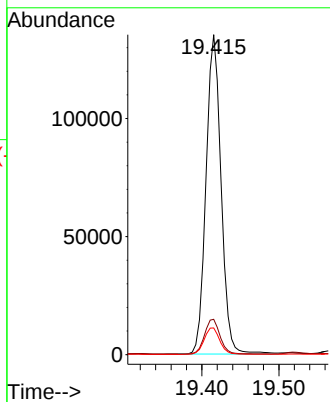
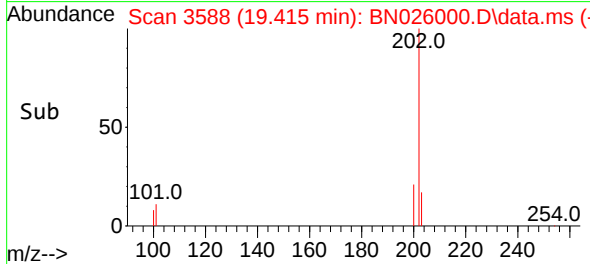
Instrument :
BNA_N
ClientSampleId :
DCFQ4



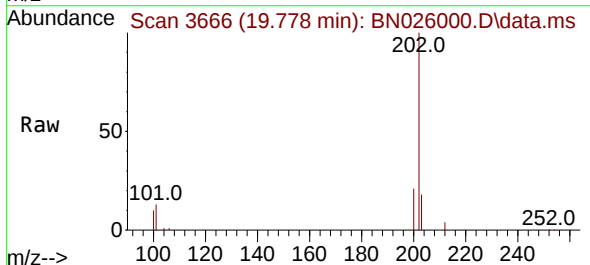
Tgt Ion:202 Resp: 183812
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.4 7.3 10.9

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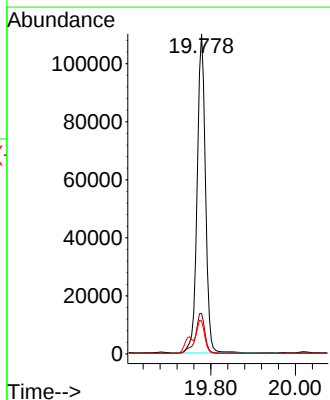
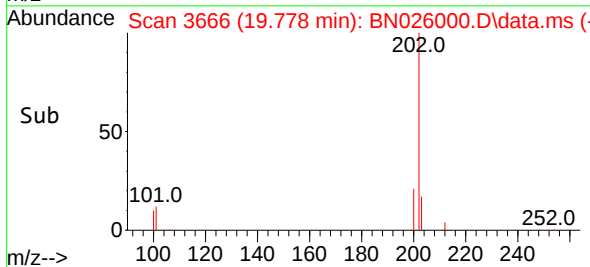
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

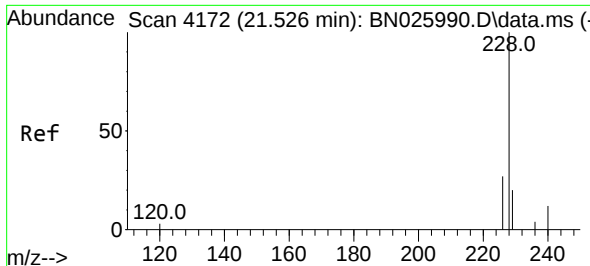


#20
Pyrene
Concen: 1.419 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22



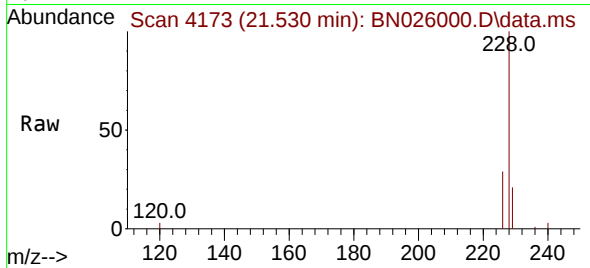
Tgt Ion:202 Resp: 151040
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.861 ng/u1
RT: 21.530 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

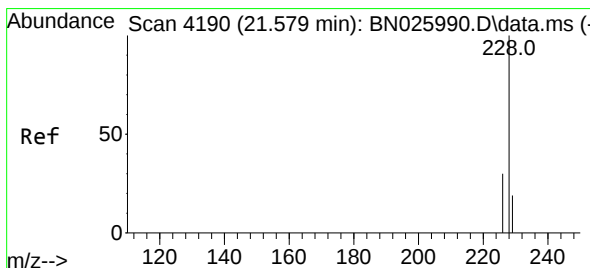
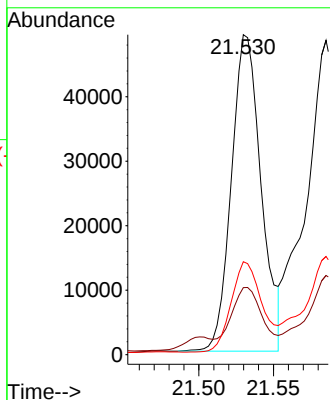
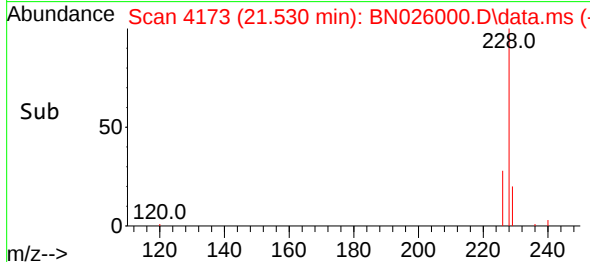
Instrument :
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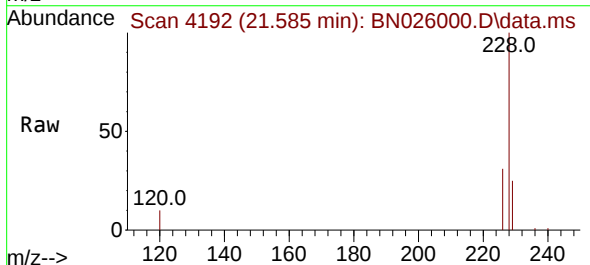
Tgt Ion:228 Resp: 68061
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 29.1 22.5 33.7

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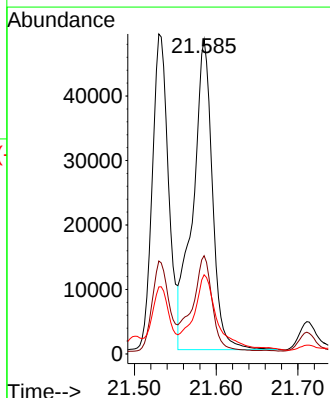
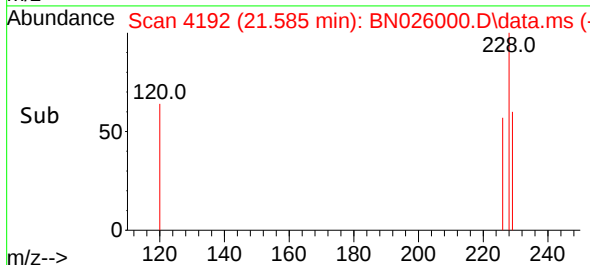
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

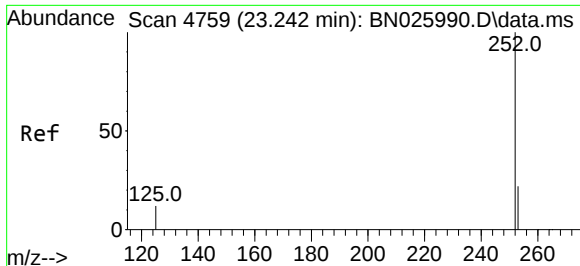


#22
Chrysene
Concen: 0.973 ng/u1
RT: 21.585 min Scan# 4192
Delta R.T. 0.001 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22



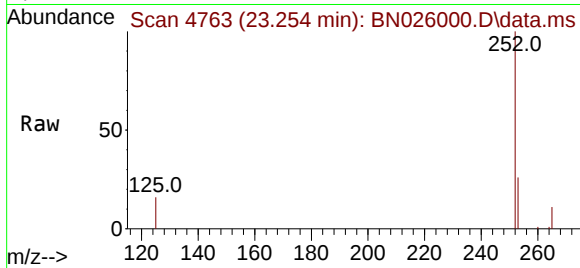
Tgt Ion:228 Resp: 80047
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 25.2 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.583 ng/ul m
RT: 23.254 min Scan# 4763
Delta R.T. -0.002 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

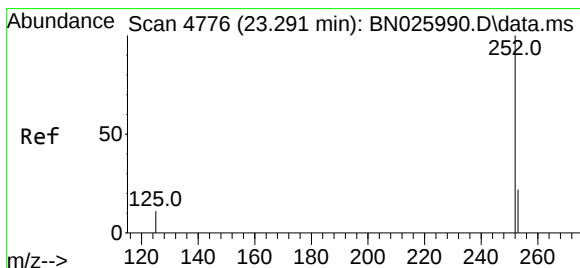
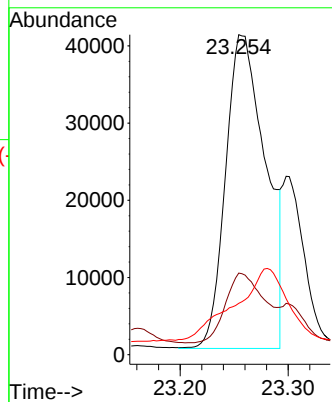
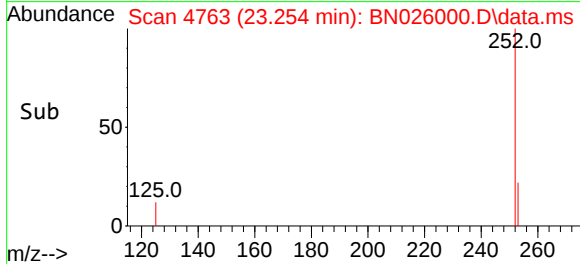
Instrument :
BNA_N
ClientSampleId :
DCFQ4



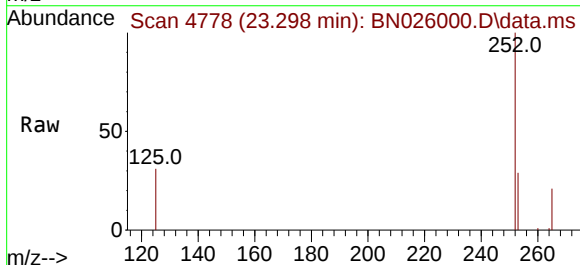
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Ion Ratio Lower Upper
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253 25.5 0.0 55.6
125 16.0 0.0 35.8

Manual Integrations
APPROVED

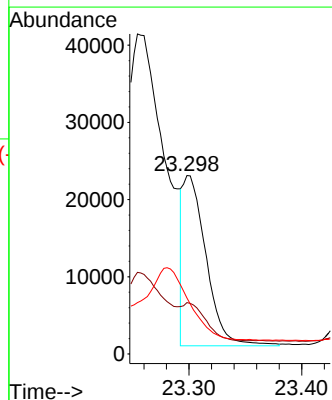
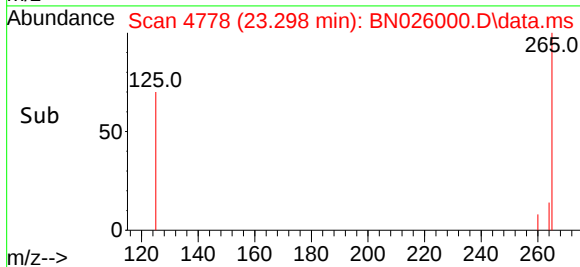
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

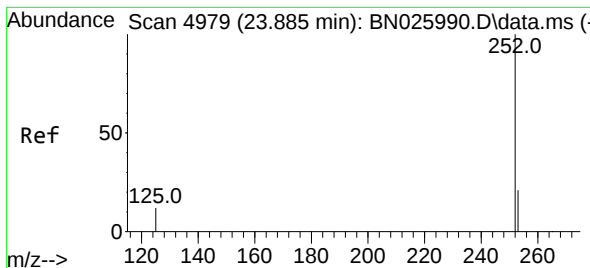


#25
Benzo(k)fluoranthene
Concen: 0.474 ng/ul m
RT: 23.298 min Scan# 4778
Delta R.T. -0.011 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22



Tgt Ion:252 Resp: 31471
Ion Ratio Lower Upper
252 100
253 28.8 23.2 34.8
125 31.4 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.998 ng/ul

RT: 23.895 min Scan# 4979

Delta R.T. -0.014 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

DCFQ4

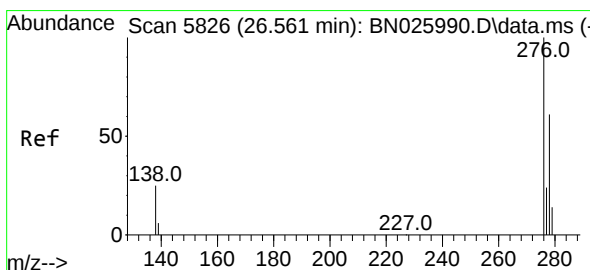
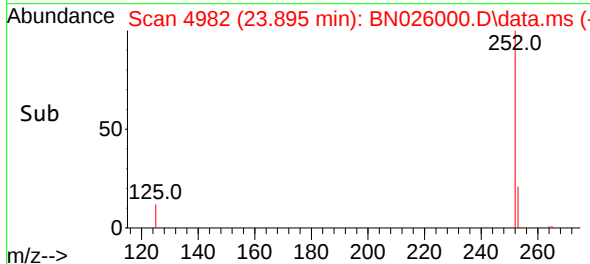
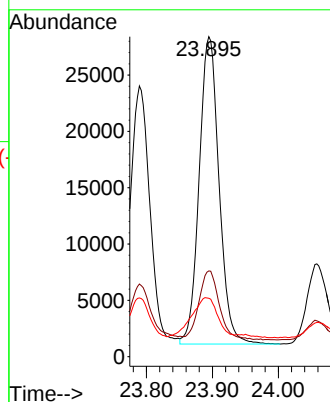
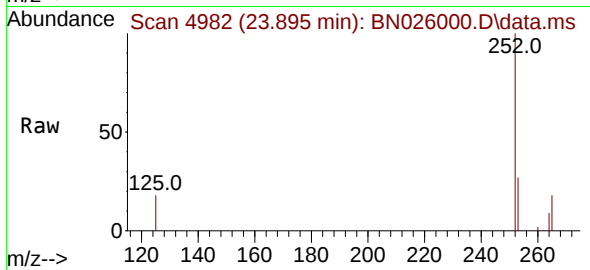
Tgt Ion:	252	Resp:	57339
Ion Ratio	Lower	Upper	
252	100		
253	26.8	26.0	39.0
125	18.3	17.3	25.9

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: 0.737 ng/ul

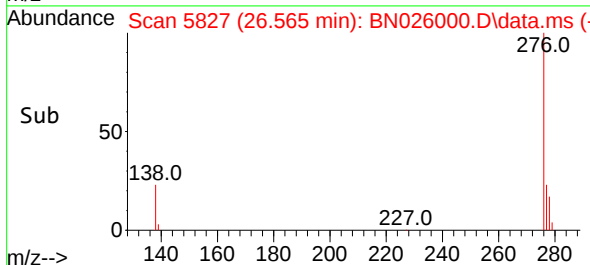
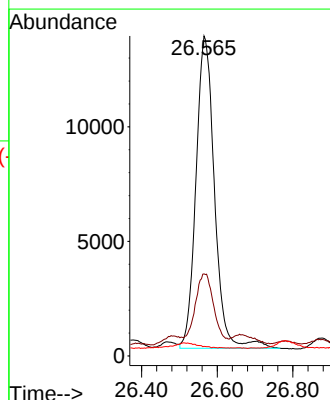
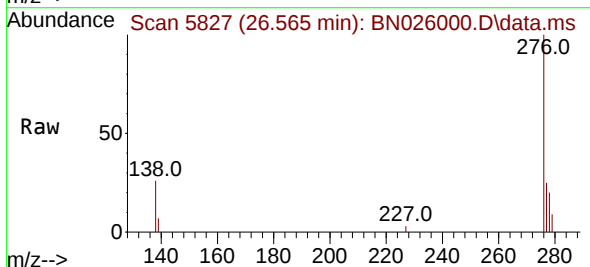
RT: 26.565 min Scan# 5827

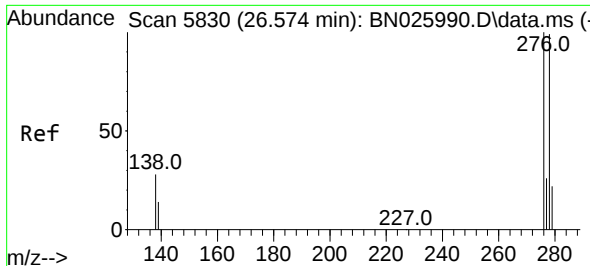
Delta R.T. -0.029 min

Lab File: BN026000.D

Acq: 24 Jun 2023 11:22

Tgt Ion:	276	Resp:	46283
Ion Ratio	Lower	Upper	
276	100		
138	22.8	24.5	36.7
227	0.0	0.0	0.0





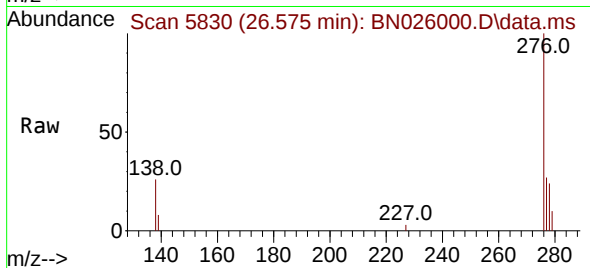
#28
Dibenzo(a,h)anthracene
Concen: 0.218 ng/ul
RT: 26.575 min Scan# 5830
Delta R.T. -0.046 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22

Instrument :

BNA_N

ClientSampleId :

DCFQ4

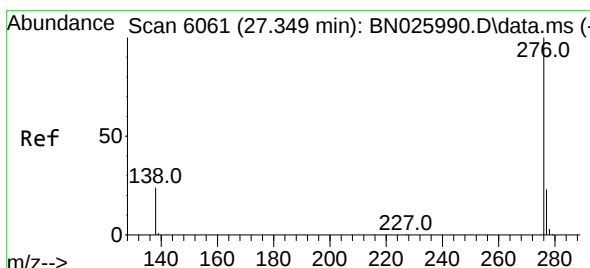
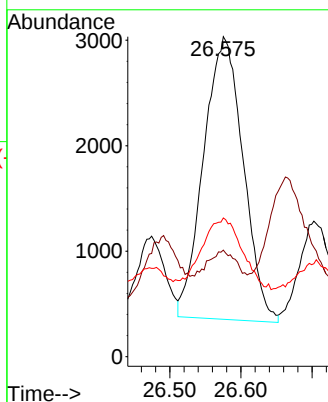
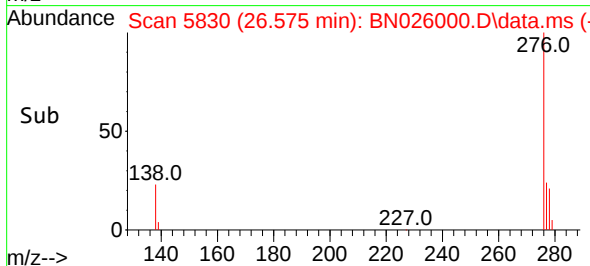


Tgt Ion:278 Resp: 10335
Ion Ratio Lower Upper
278 100
139 33.3 19.0 28.4
279 43.4 26.7 40.1

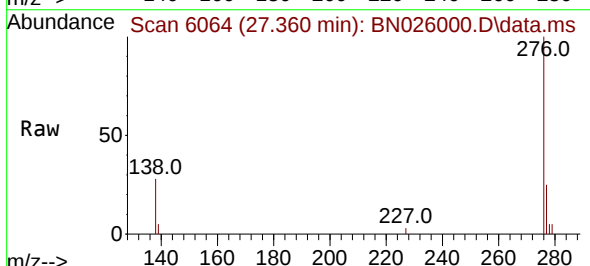
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.759 ng/ul
RT: 27.360 min Scan# 6064
Delta R.T. -0.026 min
Lab File: BN026000.D
Acq: 24 Jun 2023 11:22



Tgt Ion:276 Resp: 42371
Ion Ratio Lower Upper
276 100
138 28.2 23.4 35.0
277 25.1 20.0 30.0

