

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026057.D
 Acq On : 28 Jun 2023 14:22
 Operator : MA/JU
 Sample : 03142-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 28 23:14:42 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	7.972	152	7032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	22507	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	30272	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	19172	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	16119	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	23554	2.974	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	6836	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	15702	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	27035	0.419	ng/ul	99
7) 2-Methylnaphthalene	12.442	142	16432	0.400	ng/ul	100
8) 1-Methylnaphthalene	12.662	142	13028	0.306	ng/ul	99
10) Acenaphthylene	14.330	152	77266	1.169	ng/ul	99
11) Acenaphthene	14.672	153	5246	0.097	ng/ul	97
12) Fluorene	15.657	166	5722	0.092	ng/ul#	96
15) Phenanthrene	17.393	178	261499	2.615	ng/ul	99
16) Anthracene	17.486	178	33554	0.378	ng/ul	98
19) Fluoranthene	19.410	202	602389	5.883	ng/ul#	72
20) Pyrene	19.772	202	532598	5.000	ng/ul	96
21) Benzo(a)anthracene	21.520	228	215031	2.719	ng/ul	98
22) Chrysene	21.576	228	287440m	3.493	ng/ul	
24) Benzo(b)fluoranthene	23.253	252	381525m	5.546	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	122867m	1.778	ng/ul	
26) Benzo(a)pyrene	23.891	252	192886	3.228	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.578	276	158290	2.425	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.588	278	35501	0.719	ng/ul	96
29) Benzo(g,h,i)perylene	27.376	276	146851	2.529	ng/ul	95

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

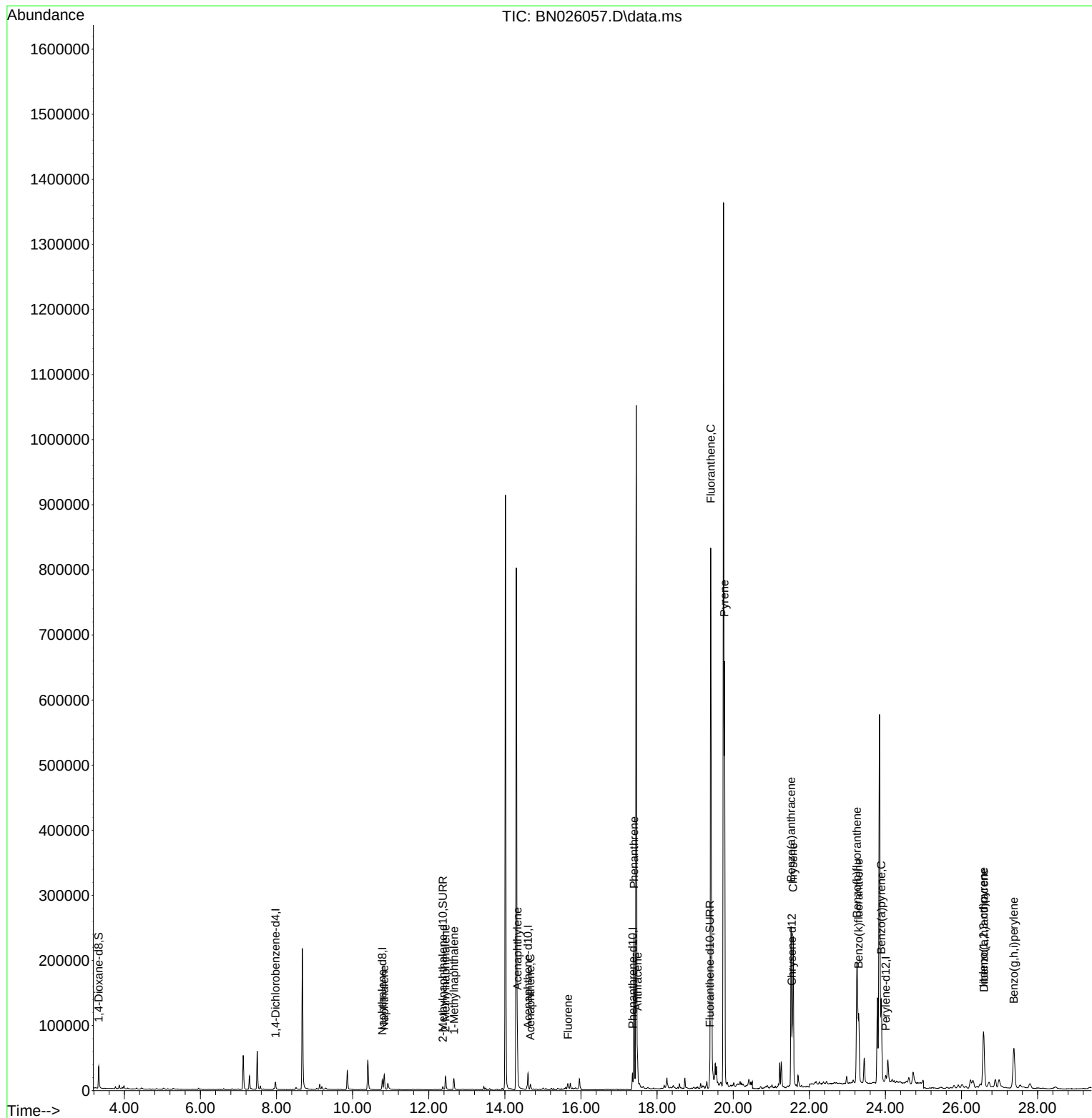
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026057.D
Acq On : 28 Jun 2023 14:22
Operator : MA/JU
Sample : 03142-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

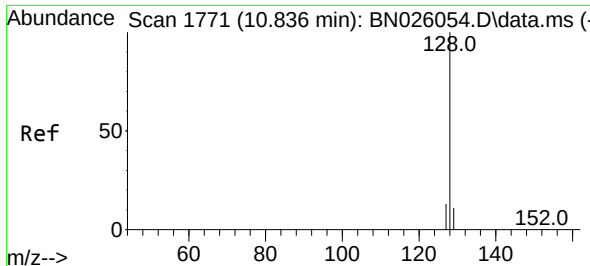
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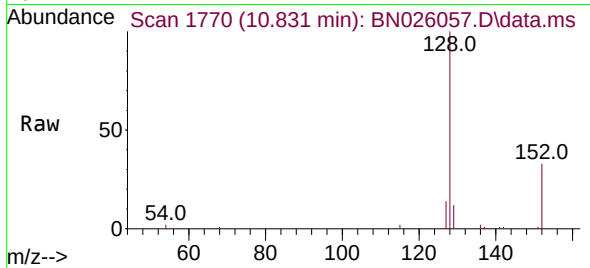
Quant Time: Jun 28 23:14:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.419 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

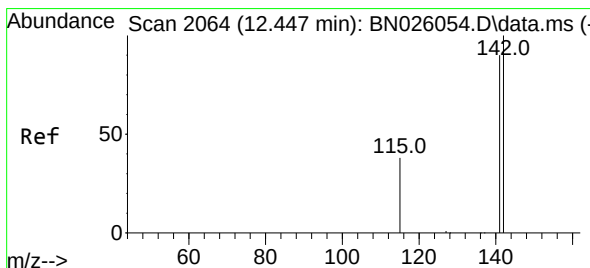
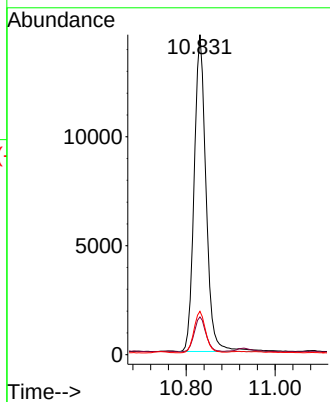
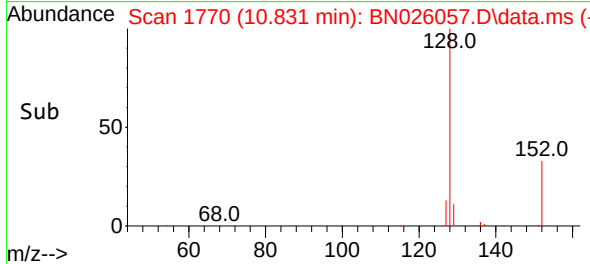
Instrument :
BNA_N
ClientSampleId :
DCFS5



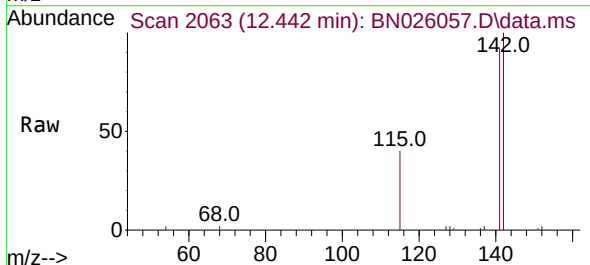
Tgt Ion:128 Resp: 27035
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.5 10.7 16.1

Manual Integrations
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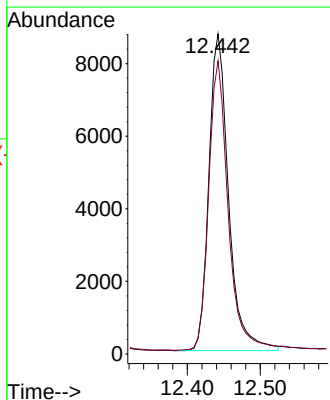
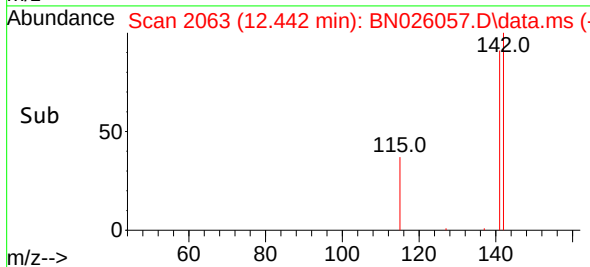
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

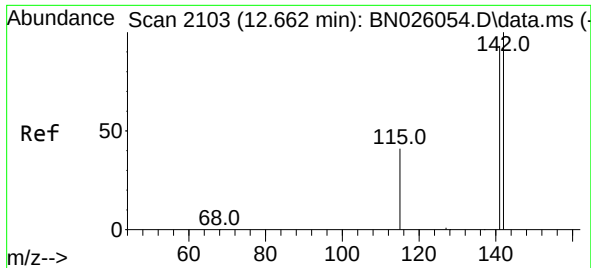


#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22



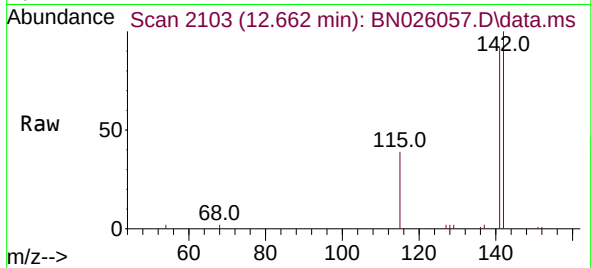
Tgt Ion:142 Resp: 16432
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

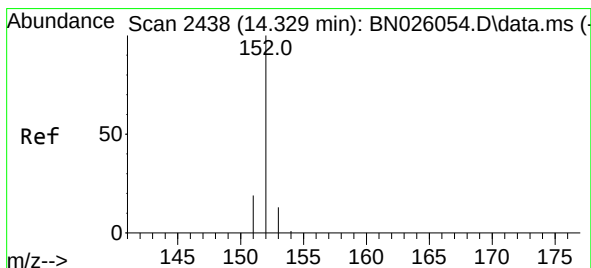
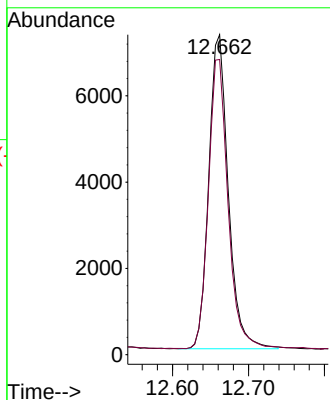
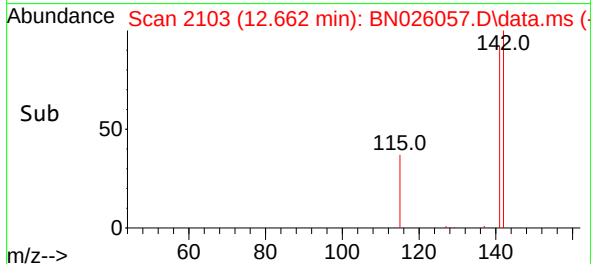
Instrument :
BNA_N
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Tgt Ion:142 Resp: 13028
Ion Ratio Lower Upper
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141 92.3 74.2 111.4

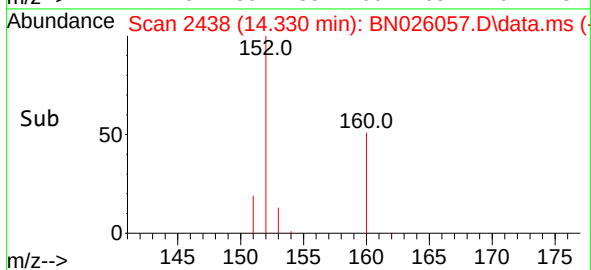
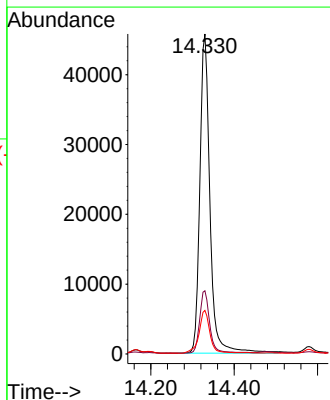
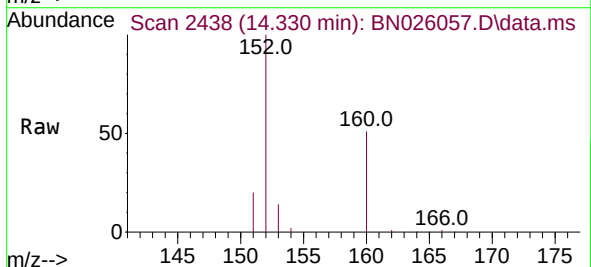
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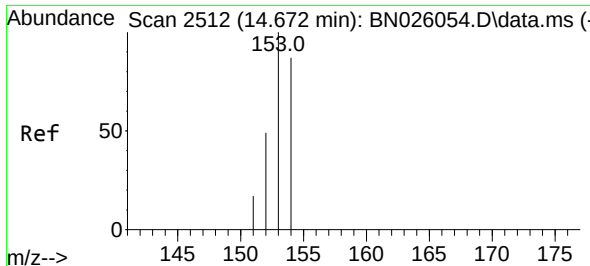
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 1.169 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

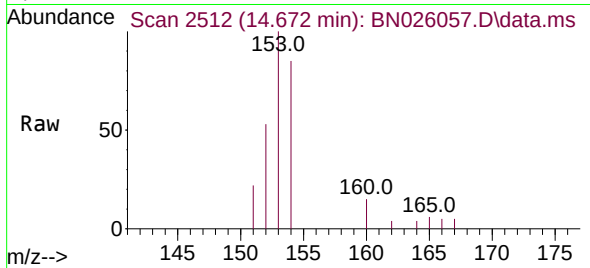
Tgt Ion:152 Resp: 77266
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 0.097 ng/u1
RT: 14.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

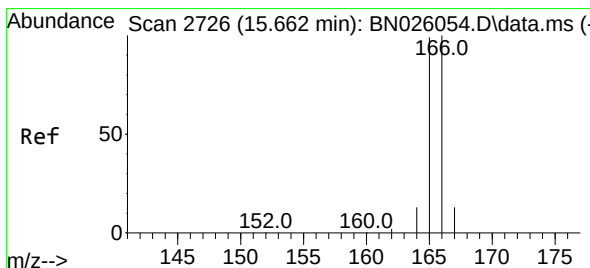
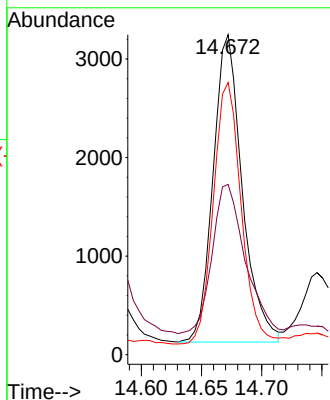
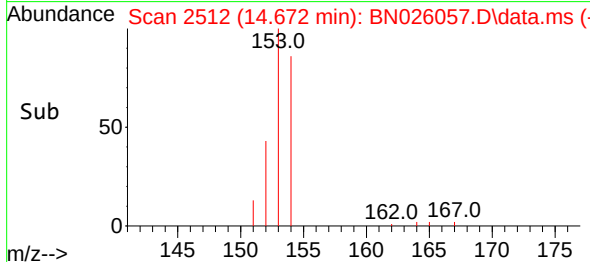
Instrument :
BNA_N
ClientSampleId :
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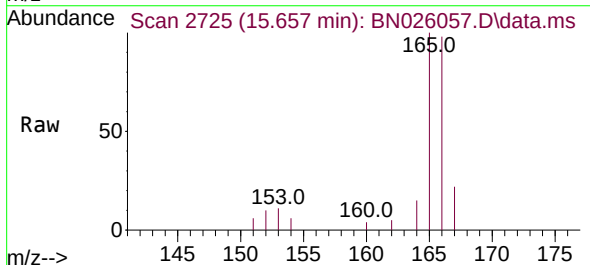
Tgt Ion:153 Resp: 5240
Ion Ratio Lower Upper
153 100
152 53.2 39.4 59.0
154 85.0 68.9 103.3

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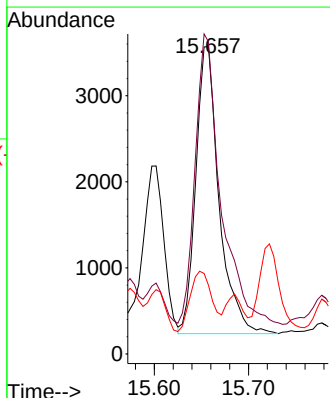
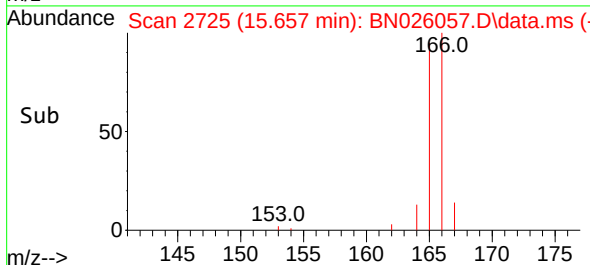
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

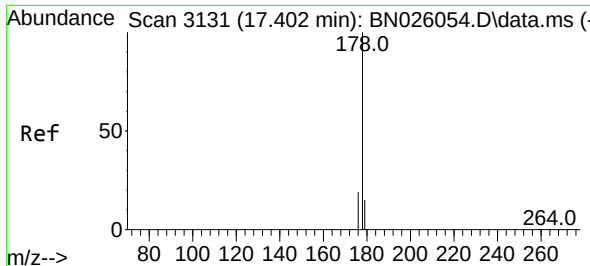


#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.657 min Scan# 2725
Delta R.T. -0.004 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22



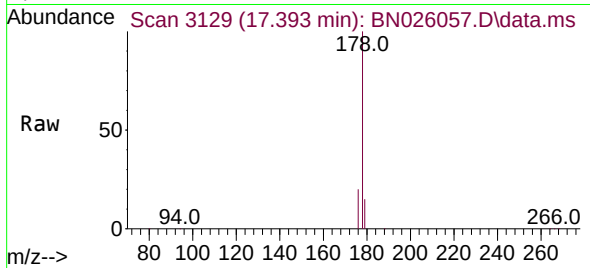
Tgt Ion:166 Resp: 5722
Ion Ratio Lower Upper
166 100
165 101.5 79.9 119.9
167 22.4 10.8 16.2#





#15
Phenanthrene
Concen: 2.615 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

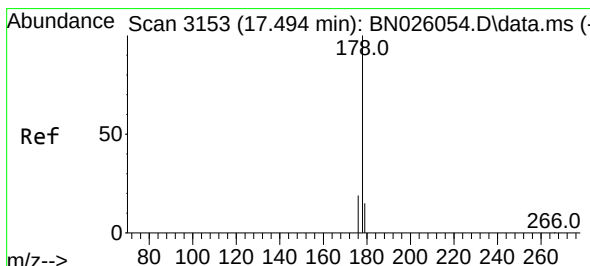
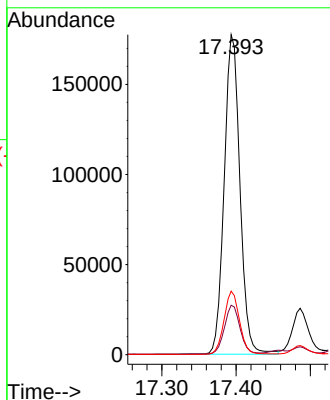
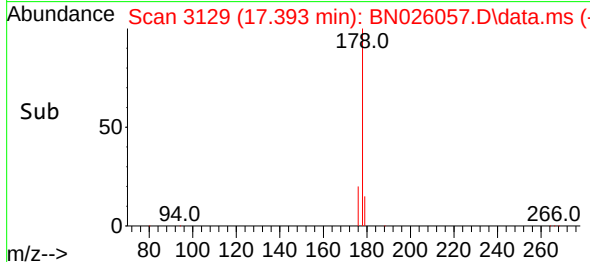
Instrument :
BNA_N
ClientSampleId :
DCFS5



Tgt Ion:178 Resp: 261499
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.8 15.8 23.6

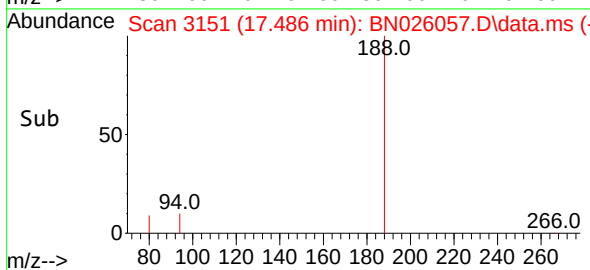
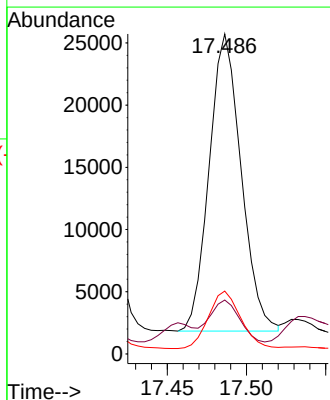
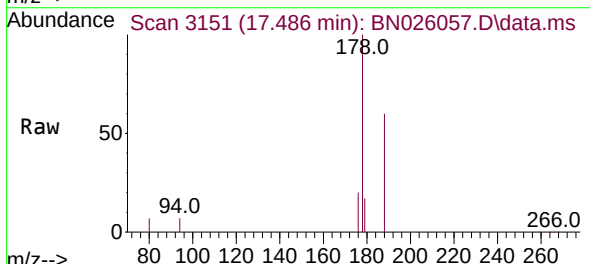
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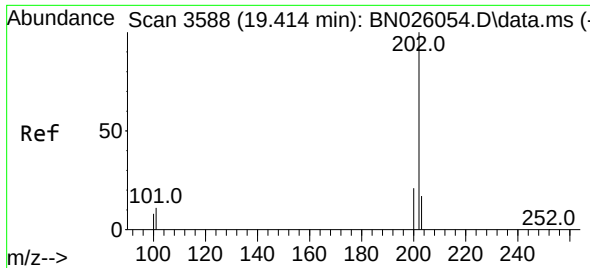
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.378 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

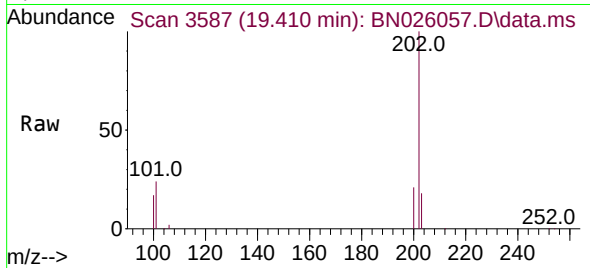
Tgt Ion:178 Resp: 33554
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.6 15.1 22.7





#19
Fluoranthene
Concen: 5.883 ng/u1
RT: 19.410 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

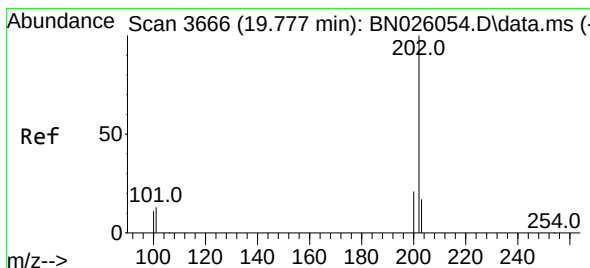
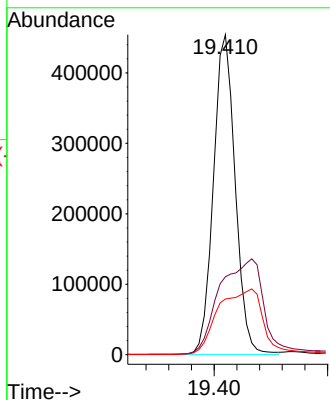
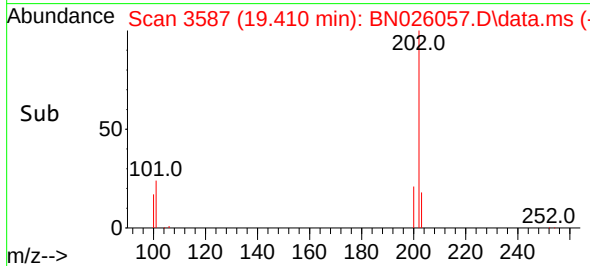
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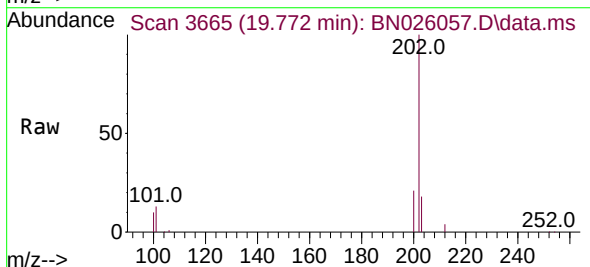
Tgt Ion:202 Resp: 602389
Ion Ratio Lower Upper
202 100
101 24.3 9.5 14.3
100 17.4 7.3 10.9

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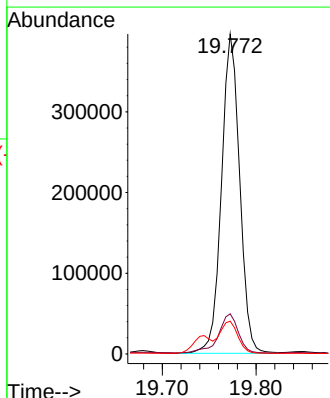
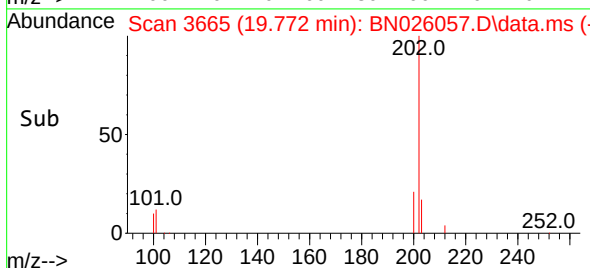
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

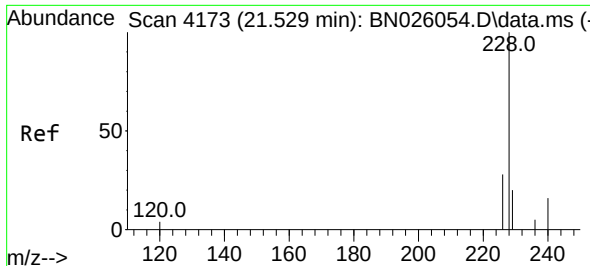


#20
Pyrene
Concen: 5.000 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22



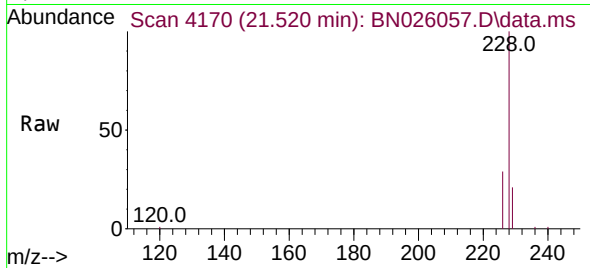
Tgt Ion:202 Resp: 532598
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.719 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

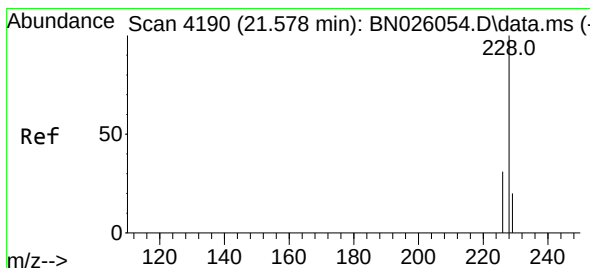
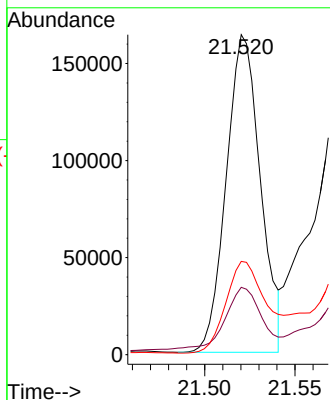
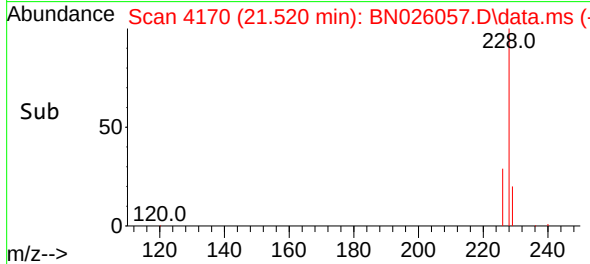
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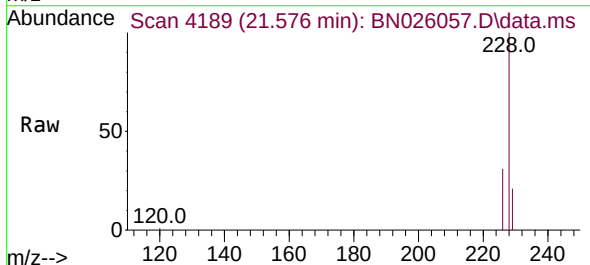
Tgt Ion:228 Resp: 21503
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 29.1 22.5 33.7

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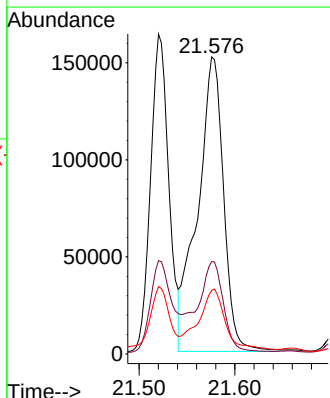
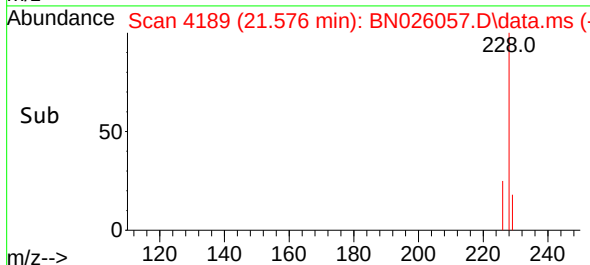
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

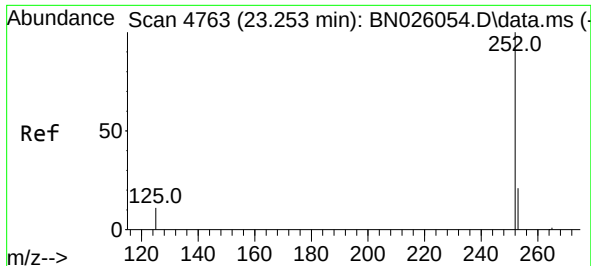


#22
Chrysene
Concen: 3.493 ng/ul m
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22



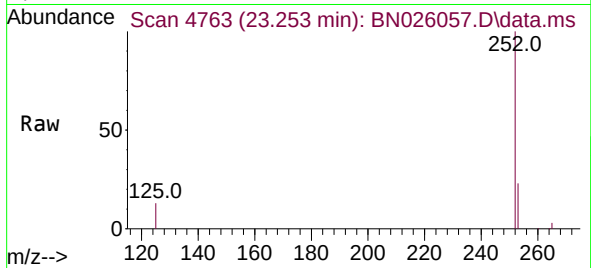
Tgt Ion:228 Resp: 287440
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.546 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.000 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

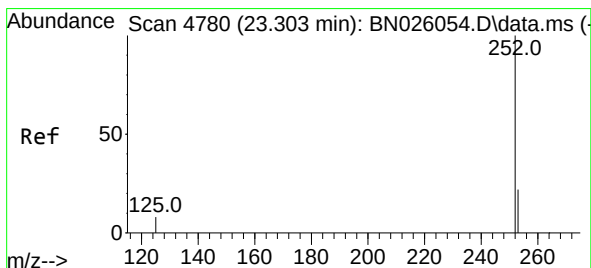
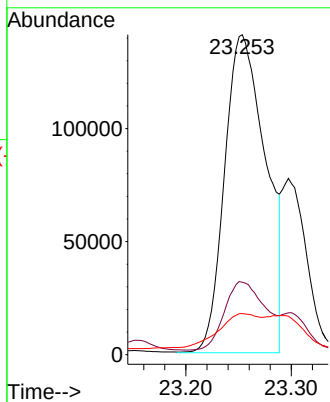
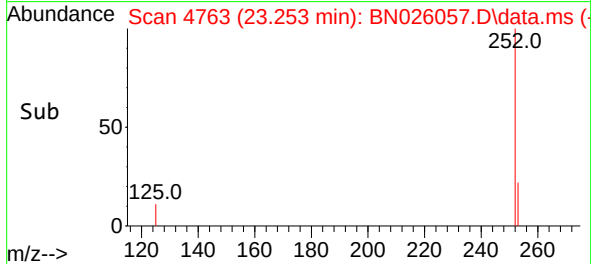
Instrument :
BNA_N
ClientSampleId :
DCFS5



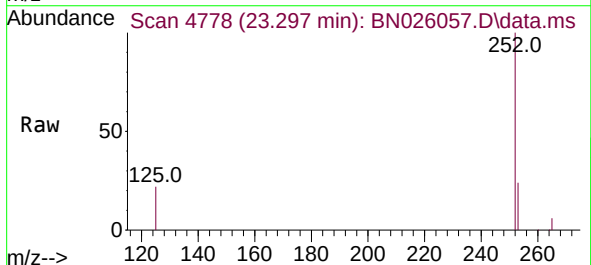
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Ion Ratio Lower Upper
252 100
253 22.7 0.0 55.6
125 12.9 0.0 35.8

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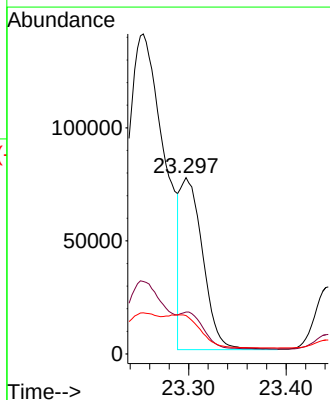
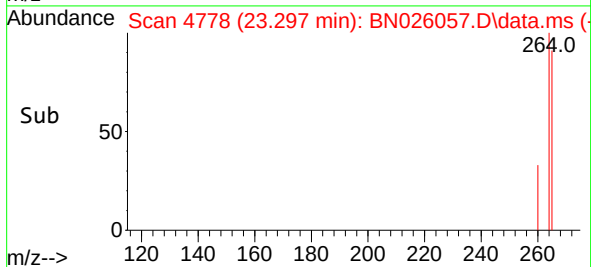
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

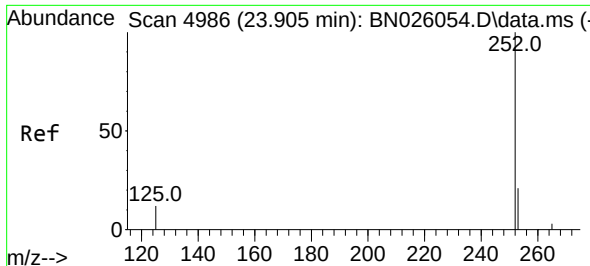


#25
Benzo(k)fluoranthene
Concen: 1.778 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.006 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22



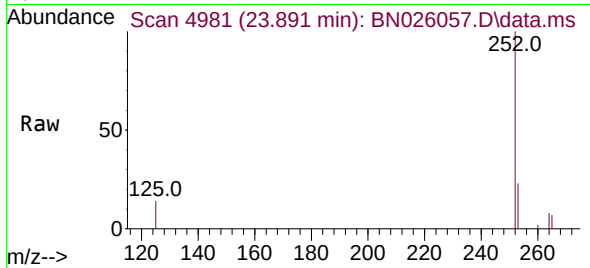
Tgt Ion:252 Resp: 122867
Ion Ratio Lower Upper
252 100
253 23.8 23.2 34.8
125 21.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 3.228 ng/ul
RT: 23.891 min Scan# 4986
Delta R.T. -0.014 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

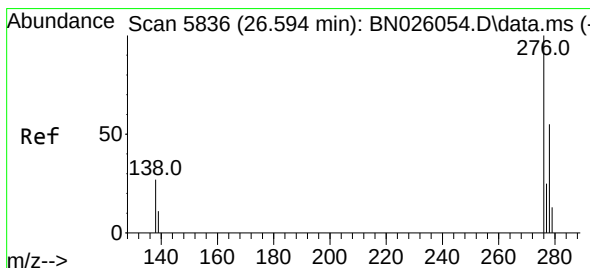
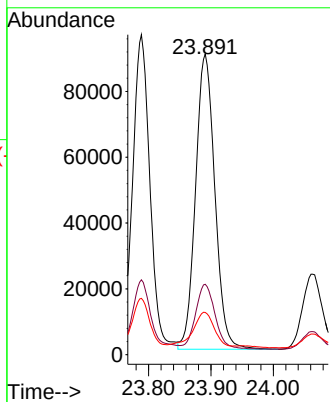
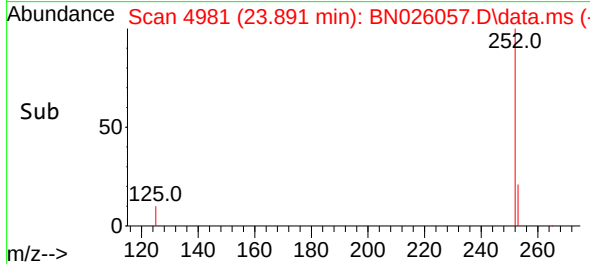
Instrument :
BNA_N
ClientSampleId :
DCFS5



Tgt Ion:252 Resp: 192880
Ion Ratio Lower Upper
252 100
253 23.4 26.0 39.0
125 14.0 17.3 25.9

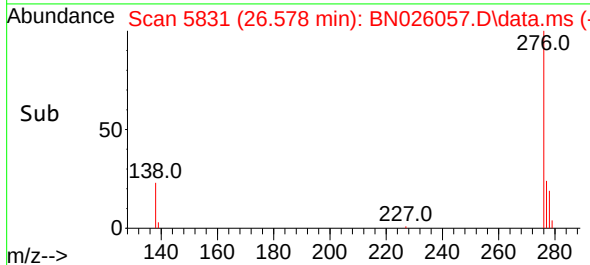
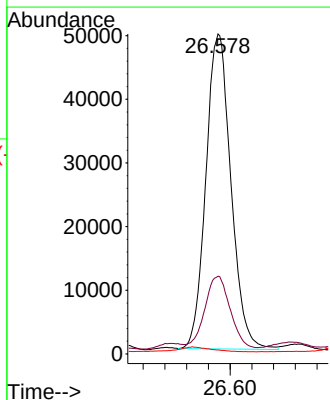
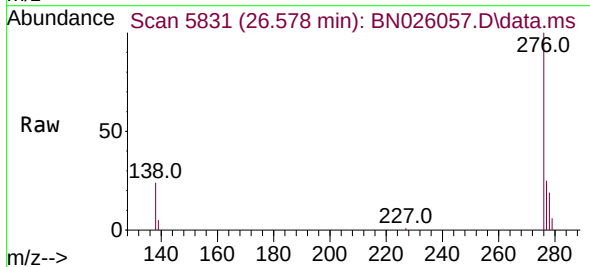
Manual Integrations
APPROVED

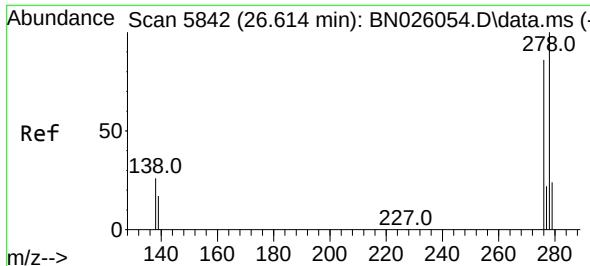
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.425 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.017 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Tgt Ion:276 Resp: 158290
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7
227 0.0 0.0 0.0





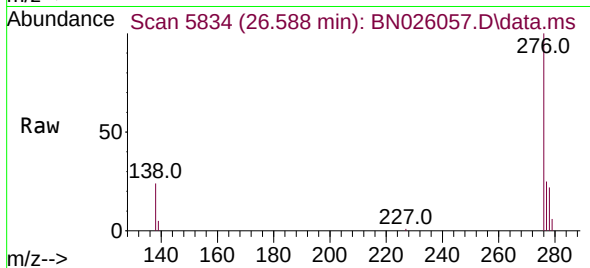
#28
Dibenzo(a,h)anthracene
Concen: 0.719 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.027 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22

Instrument :

BNA_N

ClientSampleId :

DCFS5



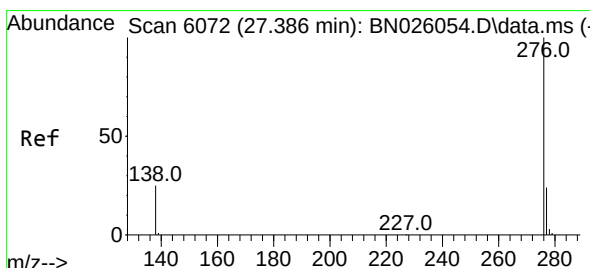
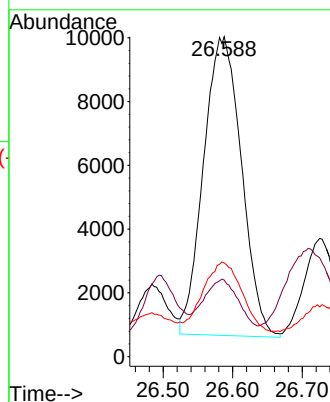
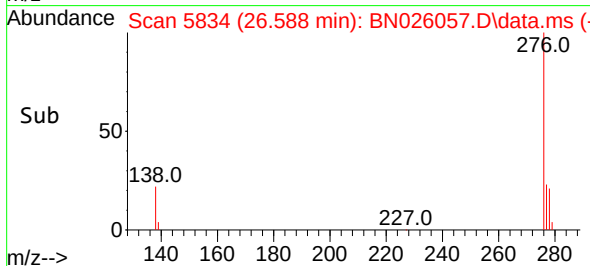
Tgt Ion:278 Resp: 3550
Ion Ratio Lower Upper
278 100
139 23.9 19.0 28.4
279 29.3 26.7 40.1

Manual Integrations

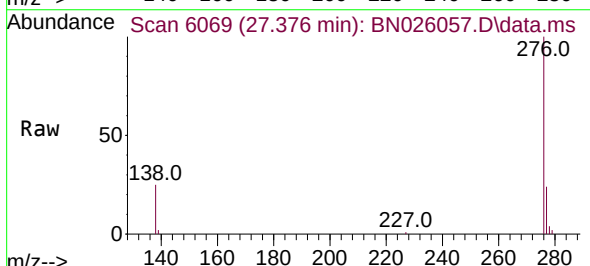
APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 2.529 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. -0.010 min
Lab File: BN026057.D
Acq: 28 Jun 2023 14:22



Tgt Ion:276 Resp: 146851
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.0
277 24.0 20.0 30.0

