

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026068.D
 Acq On : 28 Jun 2023 21:06
 Operator : MA/JU
 Sample : 03142-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS7

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 23:16:26 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	7.967	152	7858	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	25528	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15627	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	32159	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	17332	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	15788	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	19892	2.248	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	6242	0.159	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	12296	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	79421	1.086	ng/ul	99
7) 2-Methylnaphthalene	12.442	142	30575	0.656	ng/ul	100
8) 1-Methylnaphthalene	12.656	142	24035	0.498	ng/ul	100
10) Acenaphthylene	14.330	152	26588	0.363	ng/ul	97
11) Acenaphthene	14.667	153	79797	1.333	ng/ul	99
12) Fluorene	15.653	166	68534	0.999	ng/ul	99
15) Phenanthrene	17.393	178	1092114	10.281	ng/ul	99
16) Anthracene	17.486	178	195832	2.074	ng/ul	100
19) Fluoranthene	19.410	202	1607369	17.363	ng/ul	97
20) Pyrene	19.772	202	1248475	12.966	ng/ul	96
21) Benzo(a)anthracene	21.523	228	533791	7.466	ng/ul	99
22) Chrysene	21.578	228	583116	7.838	ng/ul	98
24) Benzo(b)fluoranthene	23.247	252	769787m	11.424	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	251534m	3.717	ng/ul	
26) Benzo(a)pyrene	23.888	252	464025	7.928	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.551	276	366139	5.727	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.557	278	90199	1.864	ng/ul#	90
29) Benzo(g,h,i)perylene	27.342	276	362077	6.367	ng/ul	94

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

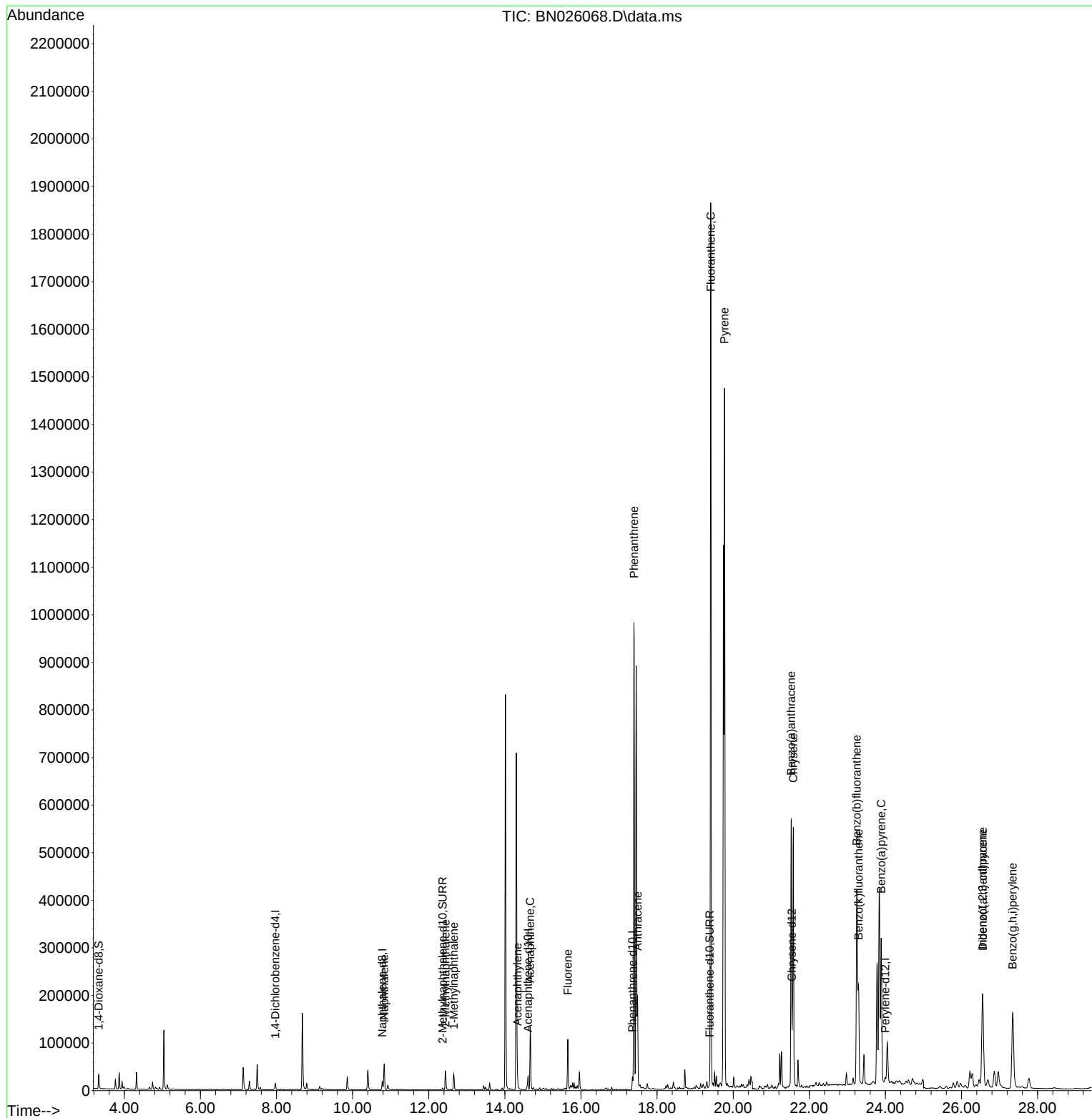
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026068.D
Acq On : 28 Jun 2023 21:06
Operator : MA/JU
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ALS Vial : 16 Sample Multiplier: 1

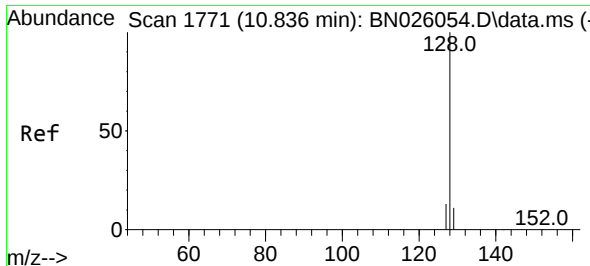
Instrument :
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Quant Time: Jun 28 23:16:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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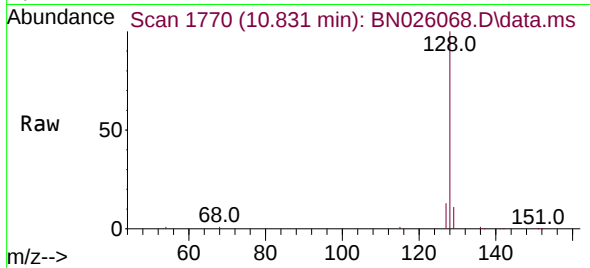
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 1.086 ng/ul
RT: 10.831 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

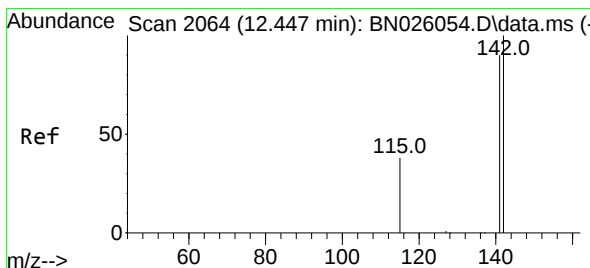
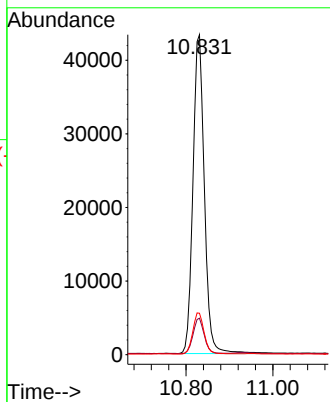
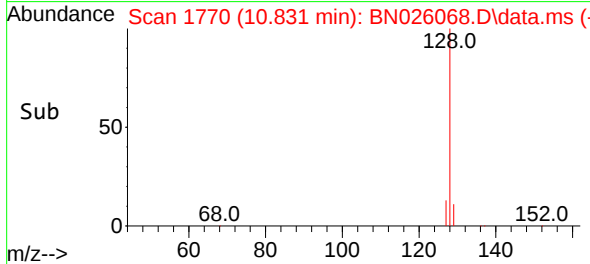
Instrument :
BNA_N
ClientSampleId :
DCFS7



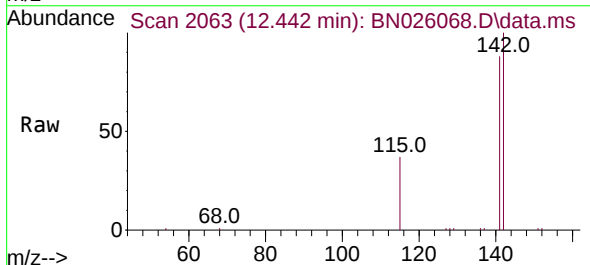
Tgt Ion:128 Resp: 7942
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.0 10.7 16.1

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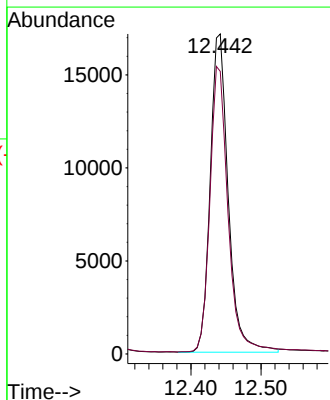
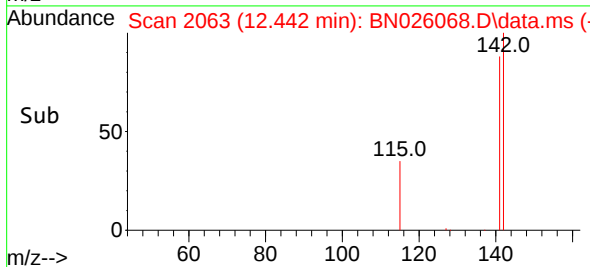
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

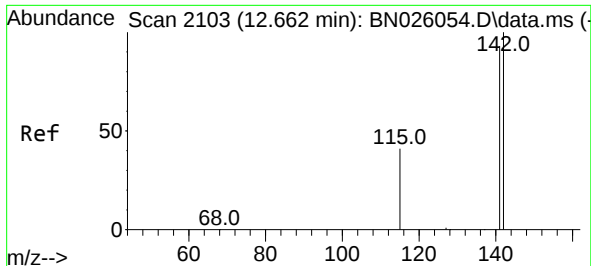


#7
2-Methylnaphthalene
Concen: 0.656 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06



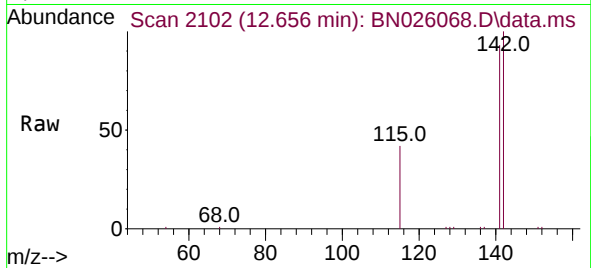
Tgt Ion:142 Resp: 30575
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.498 ng/ul
RT: 12.656 min Scan# 2103
Delta R.T. -0.005 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

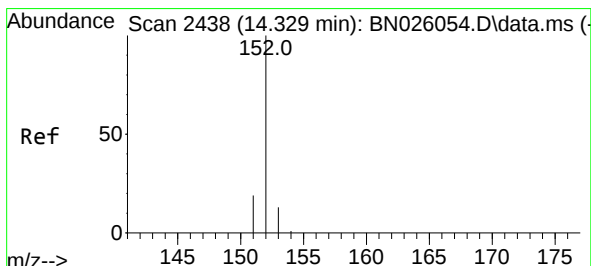
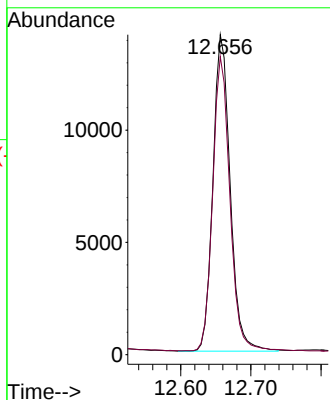
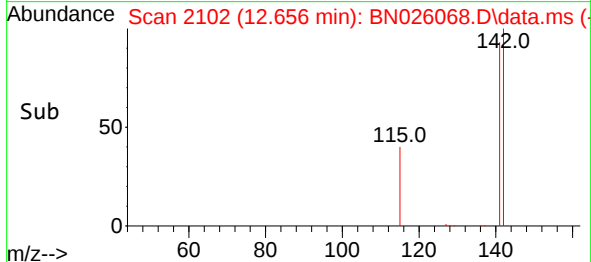
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 24035
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4

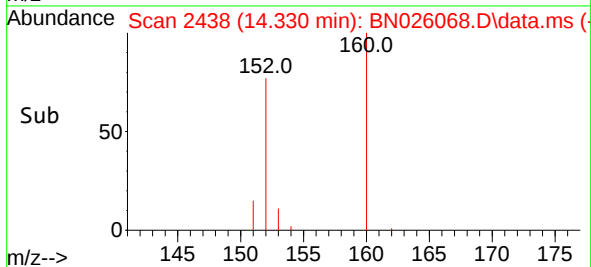
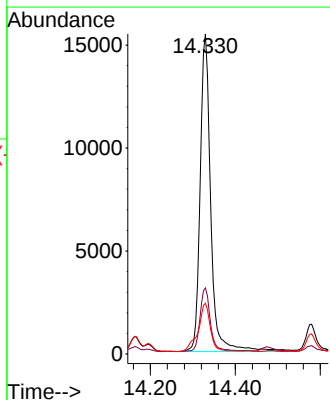
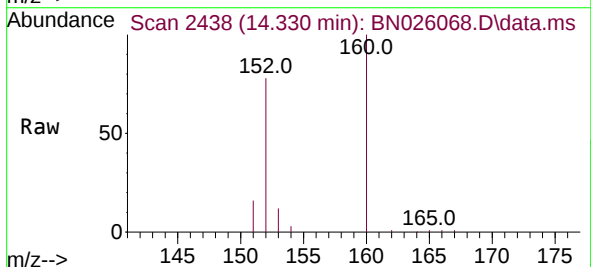
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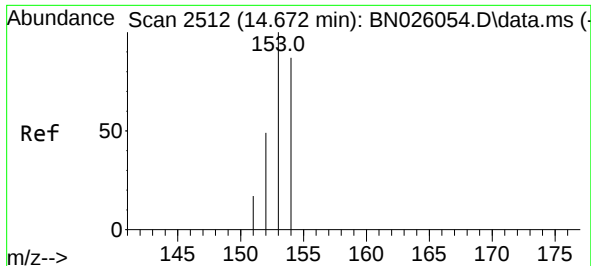
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.330 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

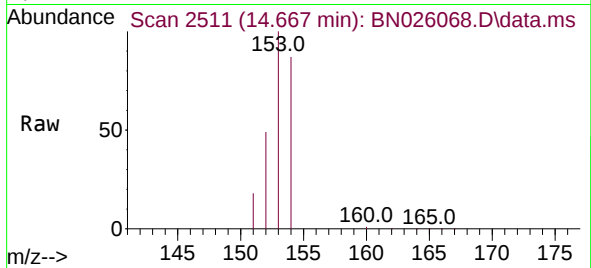
Tgt Ion:152 Resp: 26588
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 15.9 10.9 16.3





#11
Acenaphthene
Concen: 1.333 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

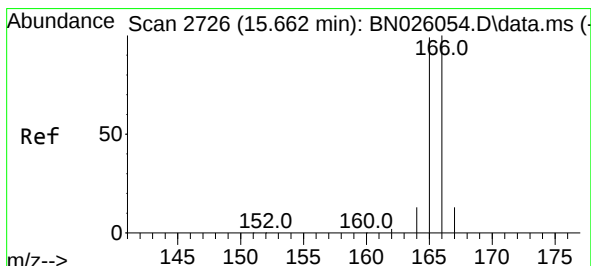
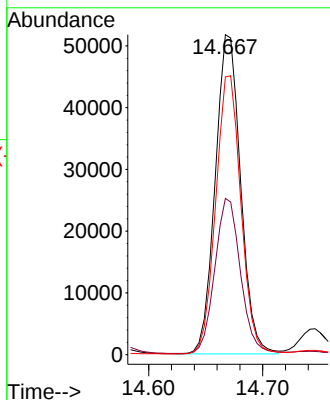
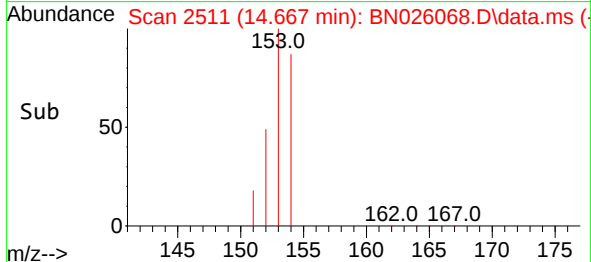
Instrument :
BNA_N
ClientSampleId :
DCFS7



Tgt Ion:153 Resp: 79797
Ion Ratio Lower Upper
153 100
152 48.8 39.4 59.0
154 86.8 68.9 103.3

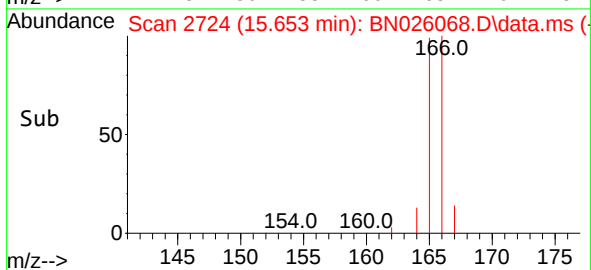
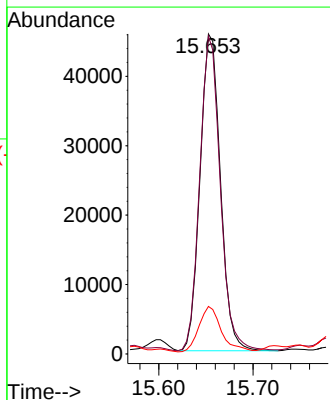
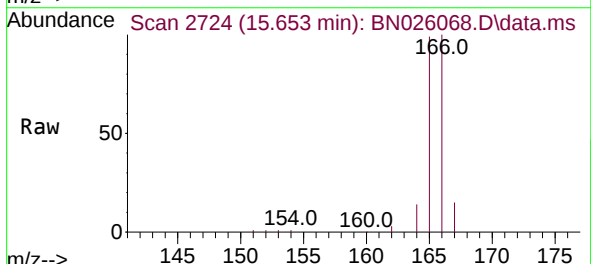
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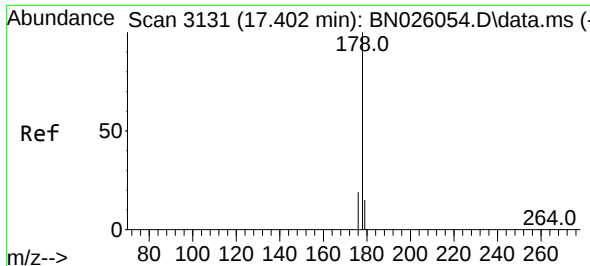
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.999 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

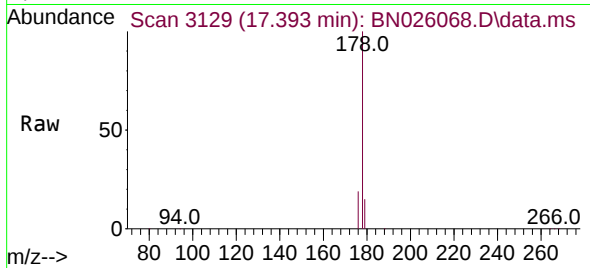
Tgt Ion:166 Resp: 68534
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 14.8 10.8 16.2





#15
Phenanthrene
Concen: 10.281 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

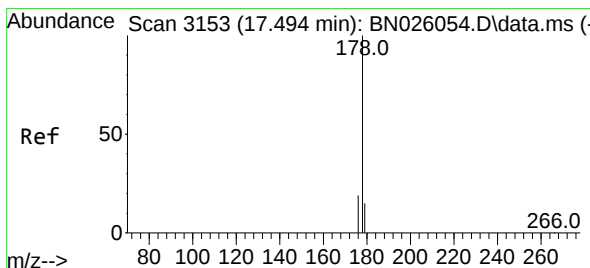
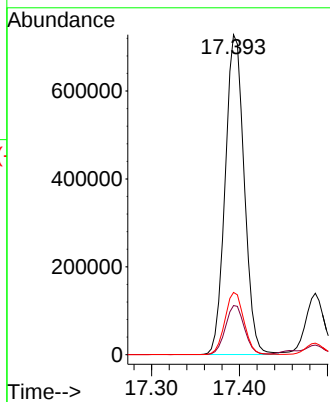
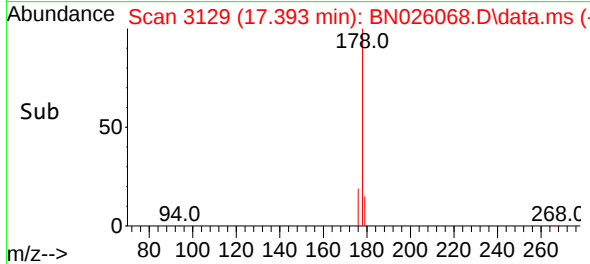
Instrument :
BNA_N
ClientSampleId :
DCFS7



Tgt Ion:178 Resp: 1092114
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.5 15.8 23.6

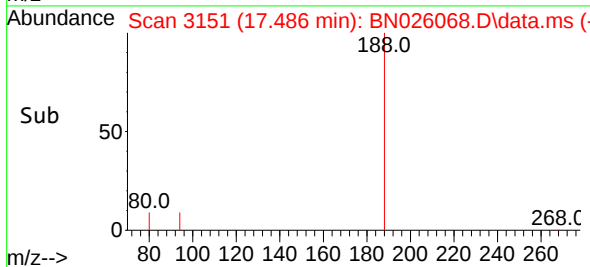
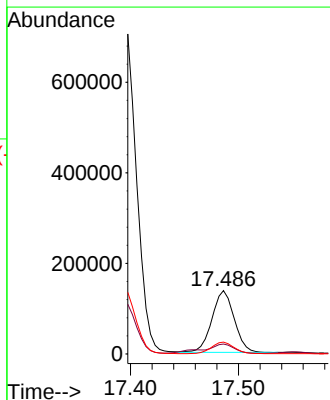
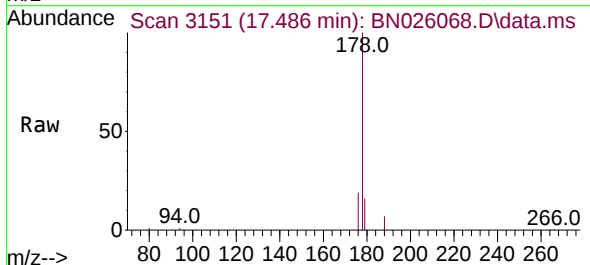
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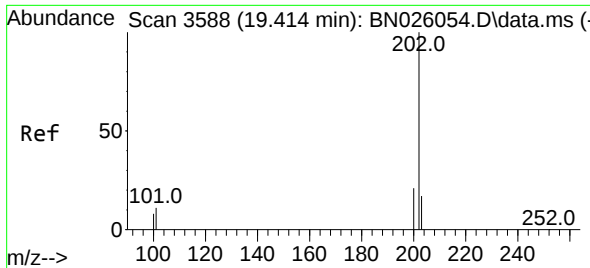
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 2.074 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

Tgt Ion:178 Resp: 195832
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 18.8 15.1 22.7





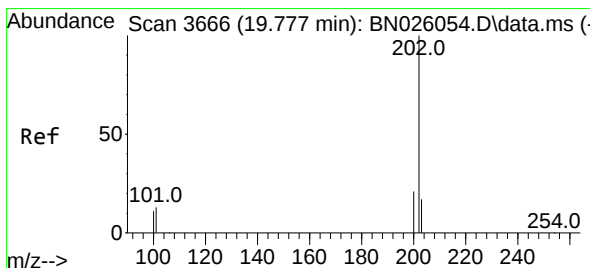
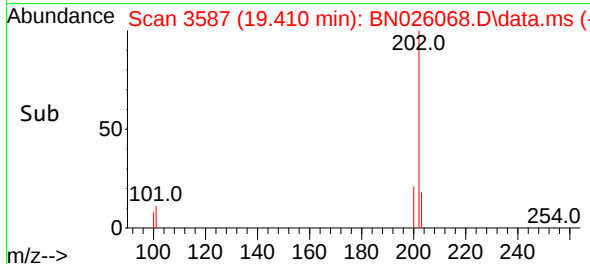
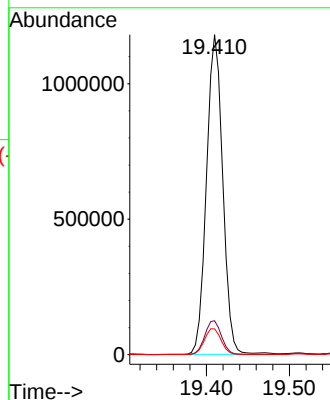
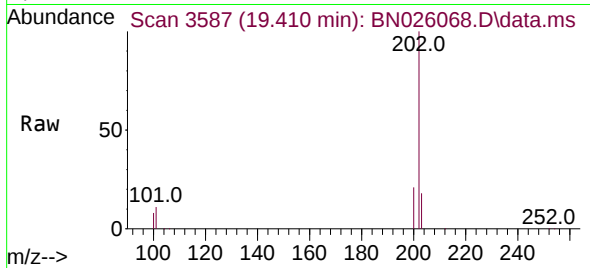
#19
Fluoranthene
Concen: 17.363 ng/u1
RT: 19.410 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

Instrument :
BNA_N
ClientSampleId :
DCFS7

Tgt Ion:202 Resp: 1607369
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.1 7.3 10.9

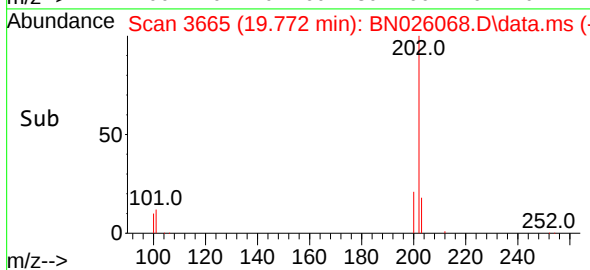
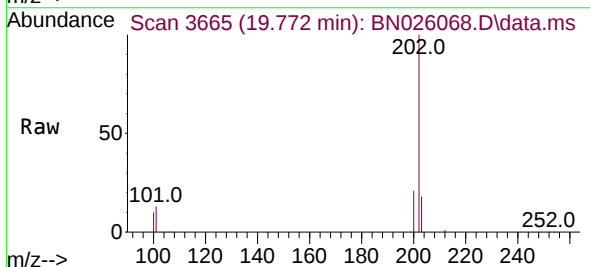
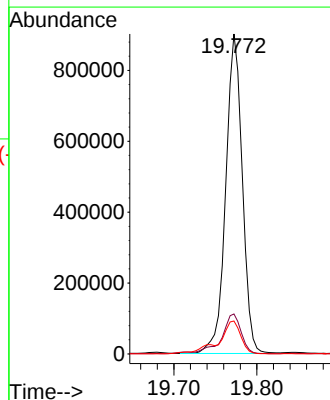
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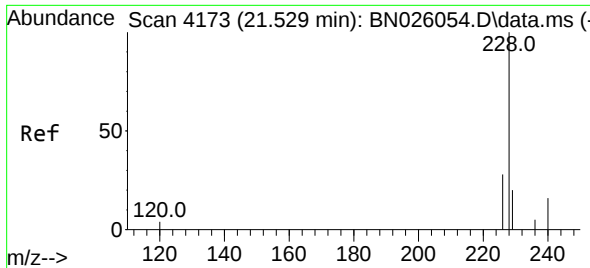
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 12.966 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

Tgt Ion:202 Resp: 1248475
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7





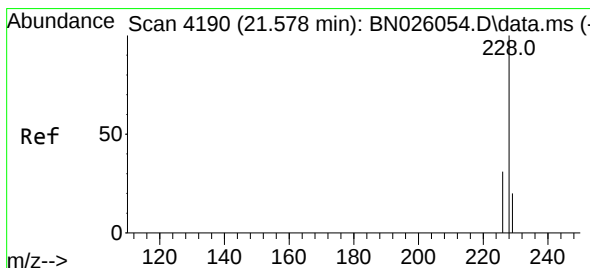
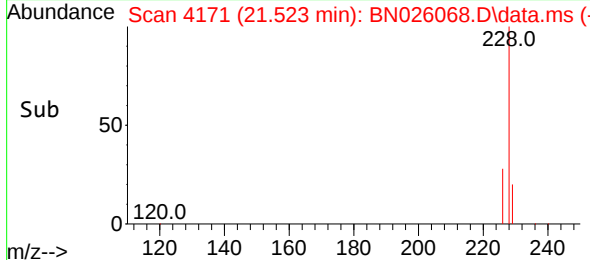
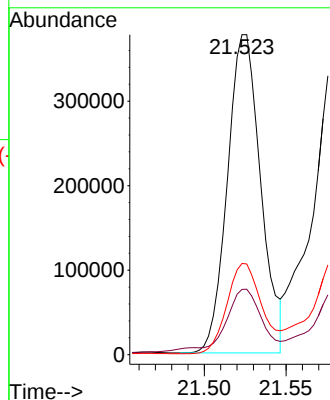
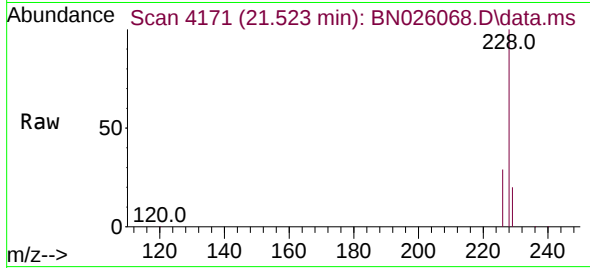
#21
Benzo(a)anthracene
Concen: 7.466 ng/u1
RT: 21.523 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

Instrument :
BNA_N
ClientSampleId :
DCFS7

Tgt Ion:228 Resp: 53379
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.5 22.5 33.7

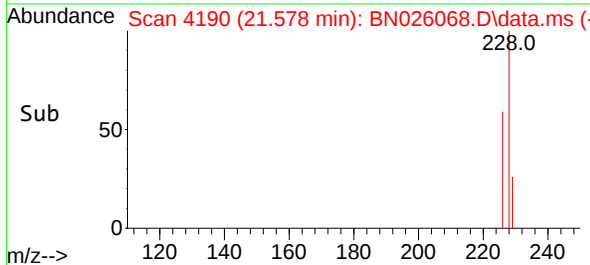
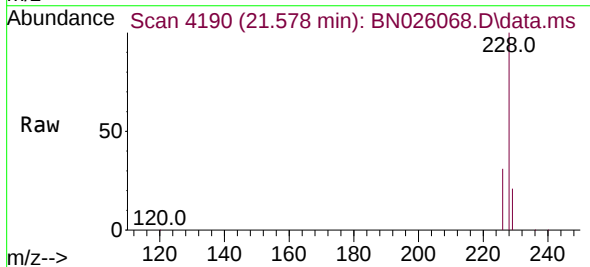
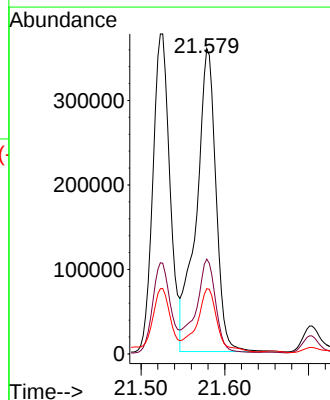
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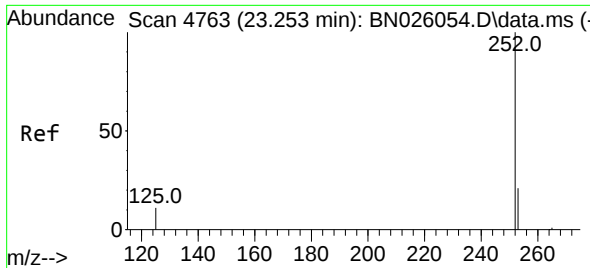
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 7.838 ng/u1
RT: 21.578 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

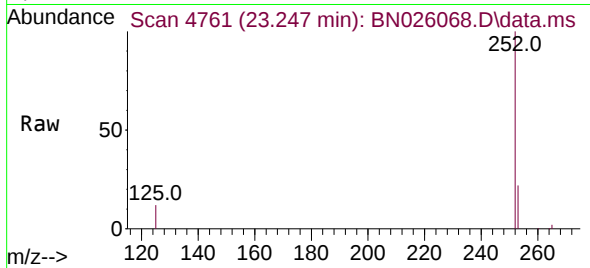
Tgt Ion:228 Resp: 583116
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 11.424 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

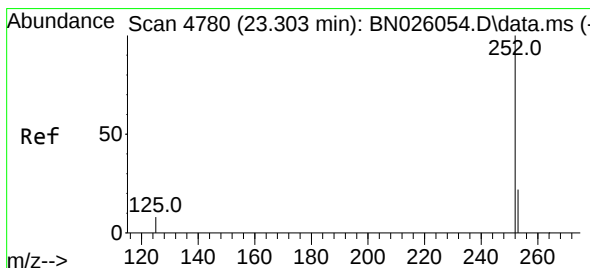
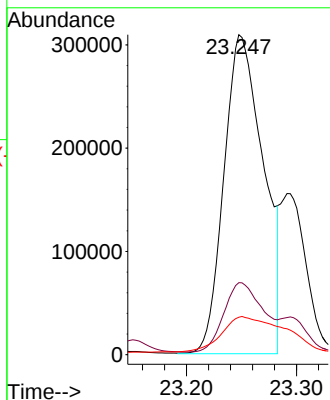
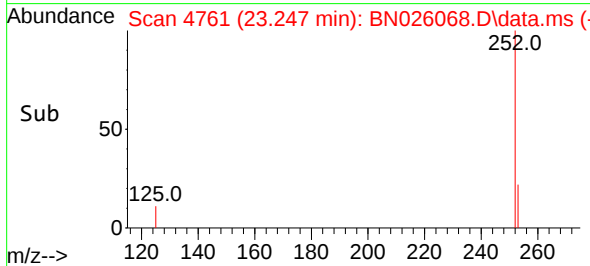
Instrument :
BNA_N
ClientSampleId :
DCFS7



Tgt Ion:252 Resp: 76978
Ion Ratio Lower Upper
252 100
253 22.5 0.0 55.6
125 11.7 0.0 35.8

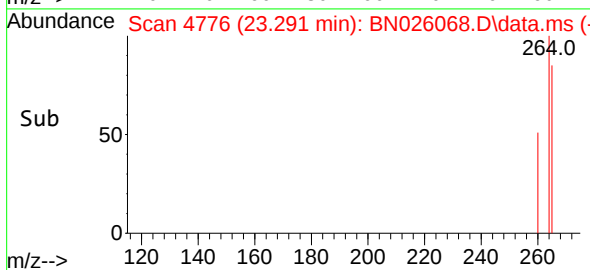
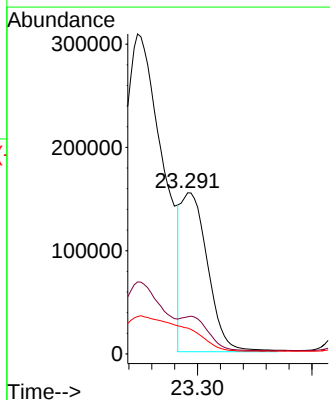
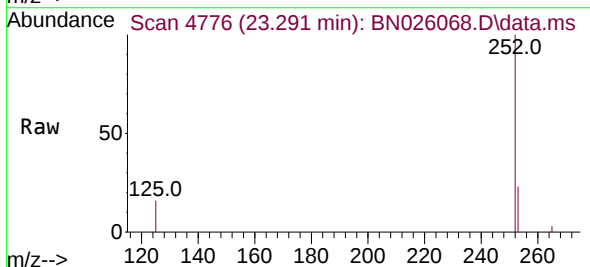
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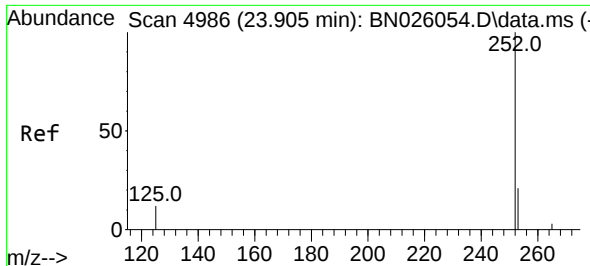
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 3.717 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.012 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

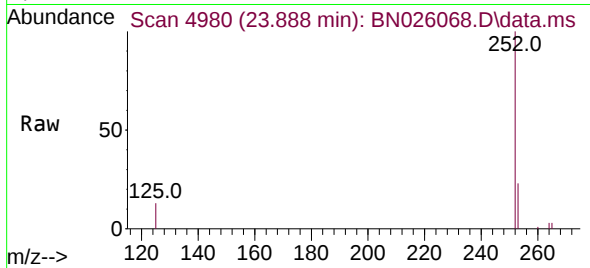
Tgt Ion:252 Resp: 251534
Ion Ratio Lower Upper
252 100
253 23.1 23.2 34.8#
125 16.1 15.0 22.4





#26
Benzo(a)pyrene
Concen: 7.928 ng/ul
RT: 23.888 min Scan# 4986
Delta R.T. -0.017 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

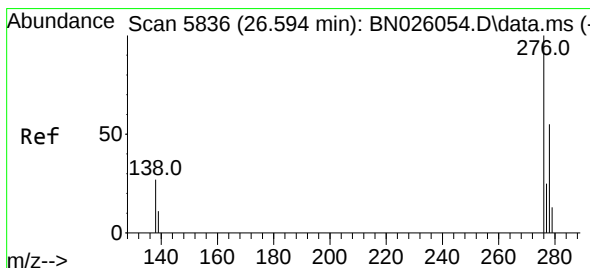
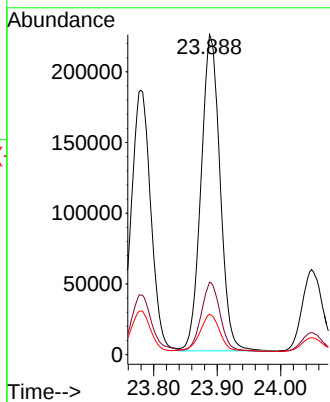
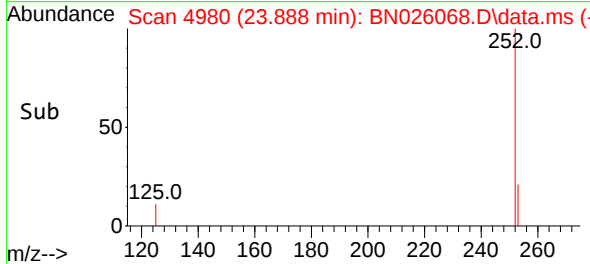
Instrument :
BNA_N
ClientSampleId :
DCFS7



Tgt Ion:252 Resp: 464025
Ion Ratio Lower Upper
252 100
253 22.6 26.0 39.0
125 12.6 17.3 25.9

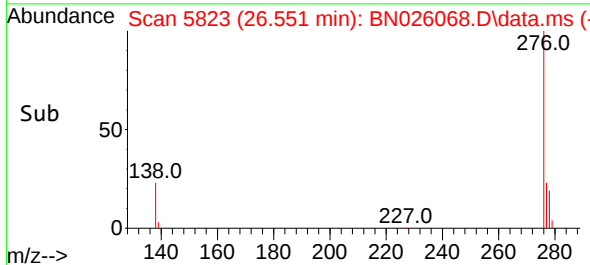
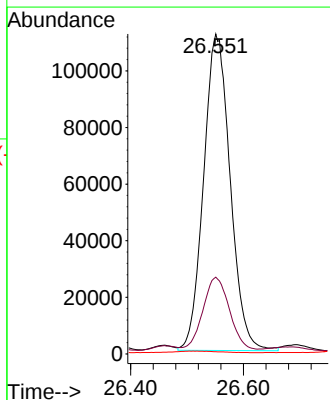
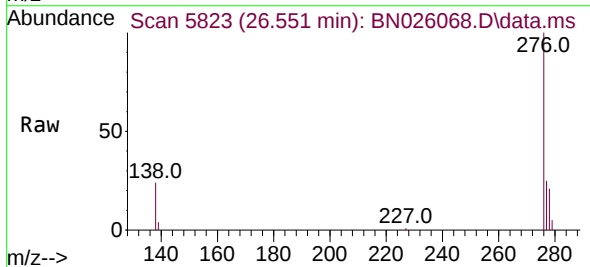
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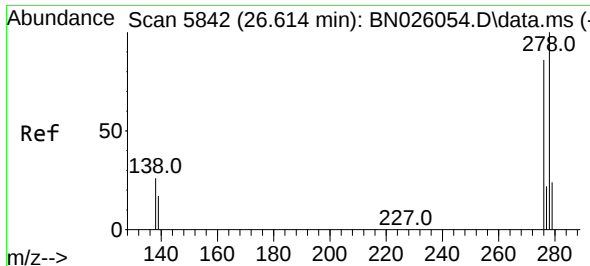
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.727 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.044 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

Tgt Ion:276 Resp: 366139
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7
227 0.0 0.0 0.0





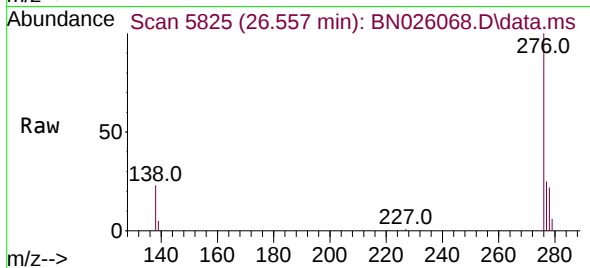
#28
Dibenzo(a,h)anthracene
Concen: 1.864 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.057 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06

Instrument :

BNA_N

ClientSampleId :

DCFS7

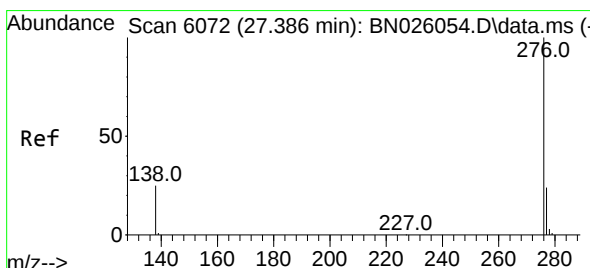
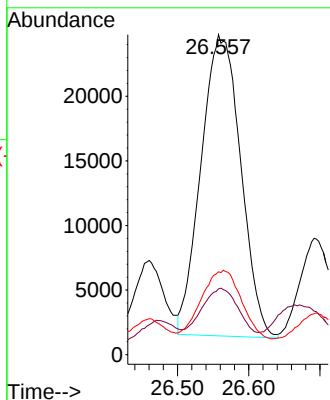
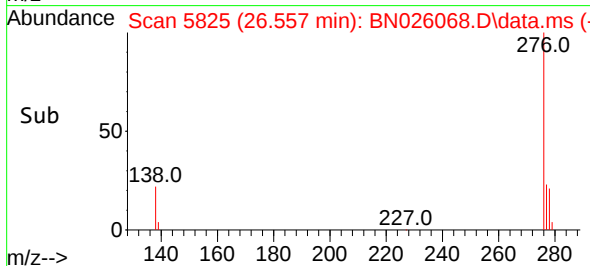


Tgt Ion:278 Resp: 90199
Ion Ratio Lower Upper
278 100
139 20.6 19.0 28.4
279 25.9 26.7 40.1

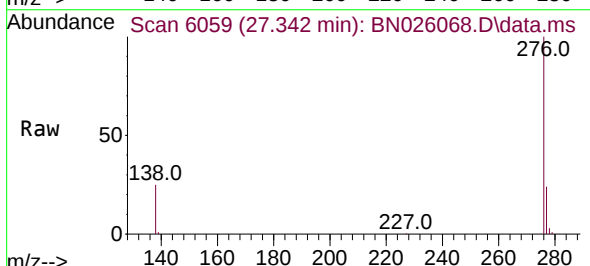
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 6.367 ng/ul
RT: 27.342 min Scan# 6059
Delta R.T. -0.044 min
Lab File: BN026068.D
Acq: 28 Jun 2023 21:06



Tgt Ion:276 Resp: 362077
Ion Ratio Lower Upper
276 100
138 24.6 23.4 35.0
277 23.6 20.0 30.0

