

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026024.D
 Acq On : 26 Jun 2023 13:19
 Operator : MA/JU
 Sample : 03085-18RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ4RE

Quant Time: Jun 27 01:38:11 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6749	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	22093	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	13429	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	29061	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	19636	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	16437	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4998	0.658	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1707	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3920	0.052	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.836	128	1822	0.029	ng/ul#	84
7) 2-Methylnaphthalene	12.448	142	1106	0.027	ng/ul	97
8) 1-Methylnaphthalene	12.667	142	944	0.023	ng/ul	94
10) Acenaphthylene	14.334	152	4010	0.064	ng/ul#	94
11) Acenaphthene	14.677	153	1271	0.025	ng/ul	96
12) Fluorene	15.657	166	1411	0.024	ng/ul#	95
15) Phenanthrene	17.402	178	45187	0.471	ng/ul	100
16) Anthracene	17.490	178	7991	0.094	ng/ul#	94
19) Fluoranthene	19.415	202	185806	1.772	ng/ul	98
20) Pyrene	19.777	202	153188	1.404	ng/ul	97
21) Benzo(a)anthracene	21.529	228	68584	0.847	ng/ul	98
22) Chrysene	21.582	228	80185	0.951	ng/ul	98
24) Benzo(b)fluoranthene	23.259	252	107076m	1.526	ng/ul	
25) Benzo(k)fluoranthene	23.303	252	36476m	0.518	ng/ul	
26) Benzo(a)pyrene	23.905	252	59997	0.985	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.594	276	47657	0.716	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.605	278	10787	0.214	ng/ul#	89
29) Benzo(g,h,i)perylene	27.396	276	43743	0.739	ng/ul	98

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

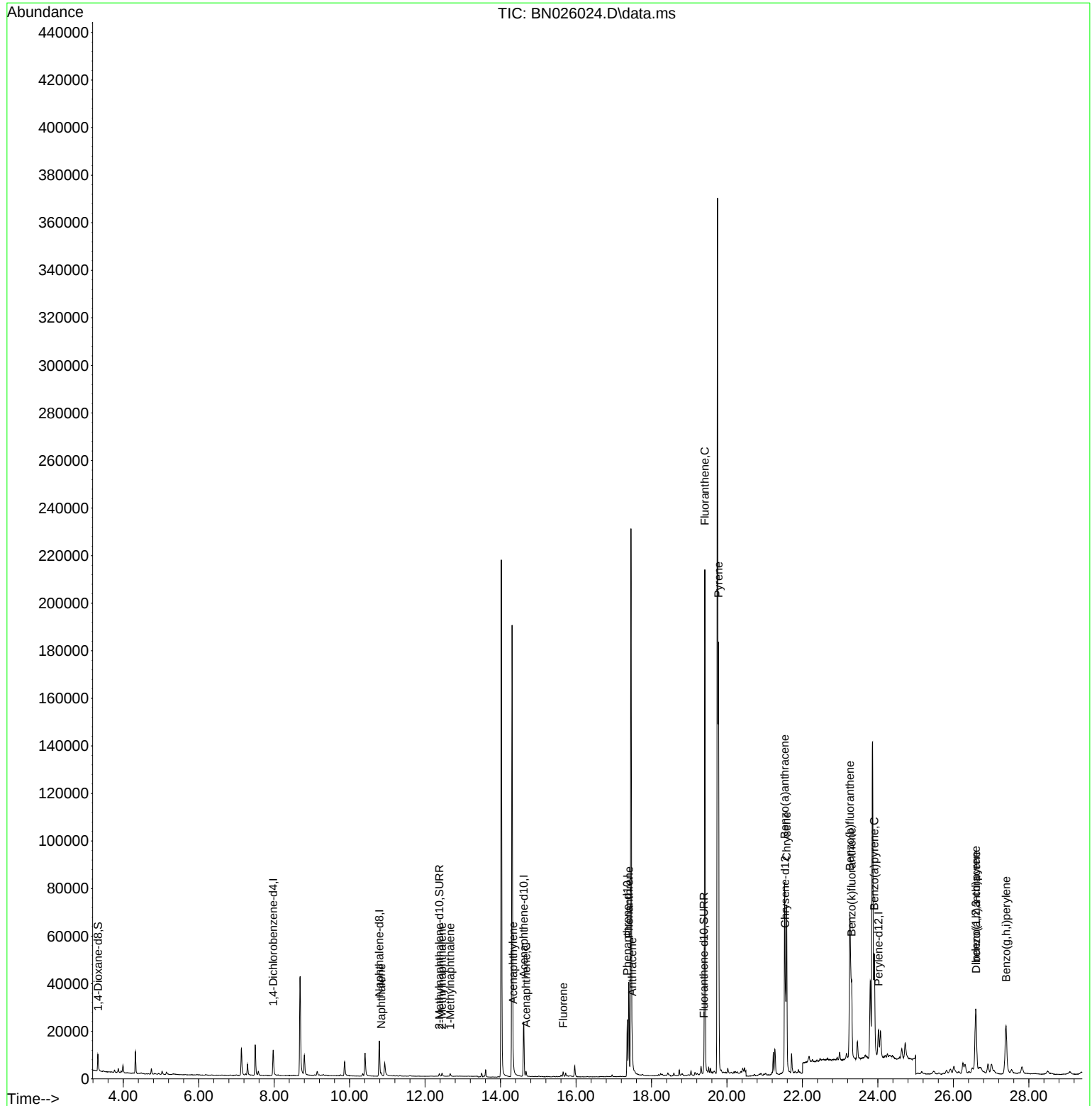
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
Data File : BN026024.D
Acq On : 26 Jun 2023 13:19
Operator : MA/JU
Sample : 03085-18RE
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ALS Vial : 7 Sample Multiplier: 1

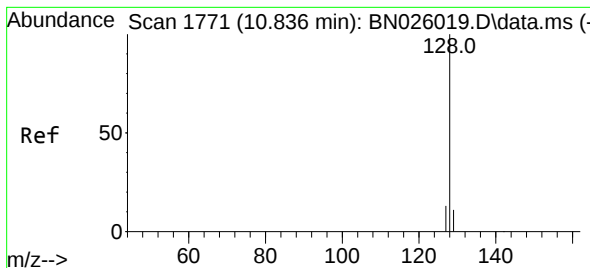
Instrument :
BNA_N
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Quant Time: Jun 27 01:38:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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#5

Naphthalene

Concen: 0.029 ng/ul

RT: 10.836 min Scan# 1771

Delta R.T. -0.011 min

Lab File: BN026024.D

Acq: 26 Jun 2023 13:19

Instrument :

BNA_N

ClientSampleId :

DCFQ4RE

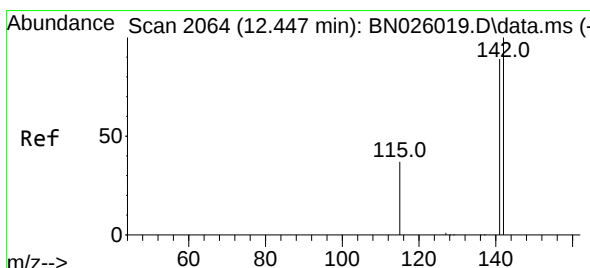
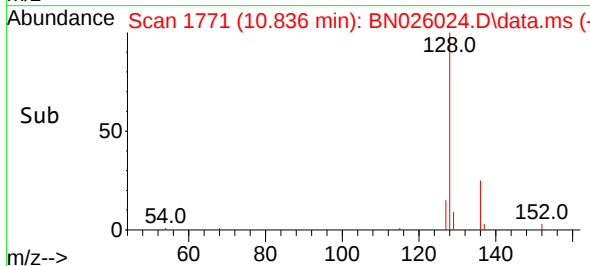
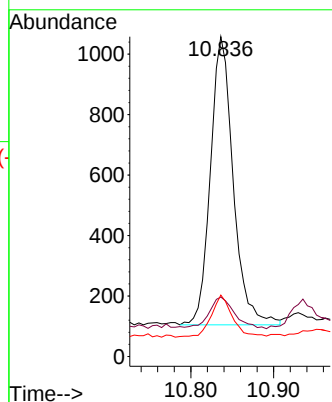
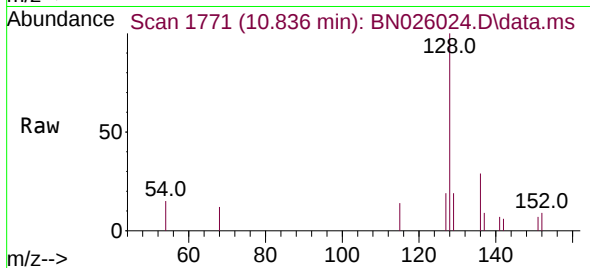
Tgt Ion:	128	Resp:	182
Ion Ratio	Lower	Upper	
128	100		
129	18.6	9.1	13.7
127	19.2	10.7	16.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.027 ng/ul

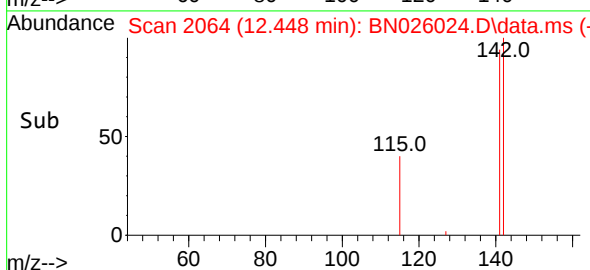
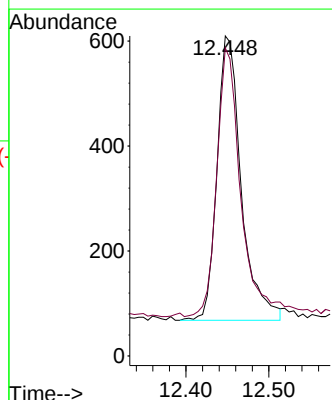
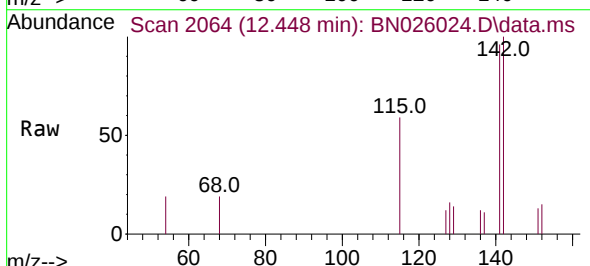
RT: 12.448 min Scan# 2064

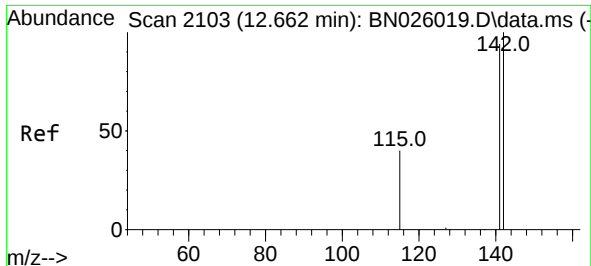
Delta R.T. -0.006 min

Lab File: BN026024.D

Acq: 26 Jun 2023 13:19

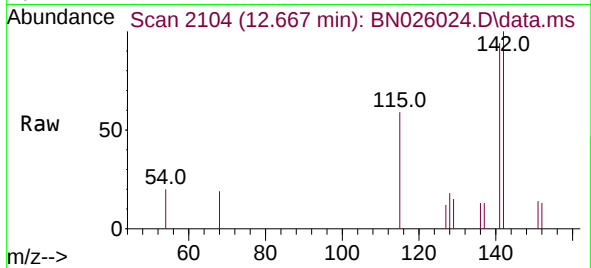
Tgt Ion:	142	Resp:	1106
Ion Ratio	Lower	Upper	
142	100		
141	93.1	71.9	107.9





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

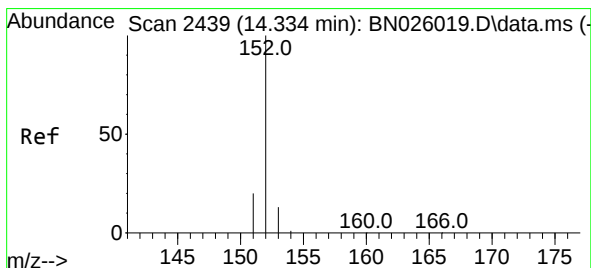
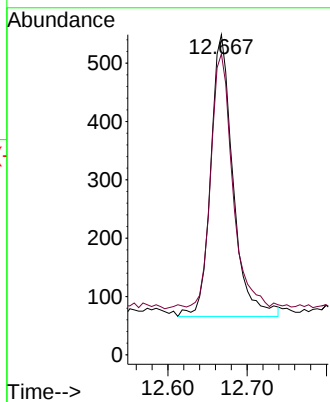
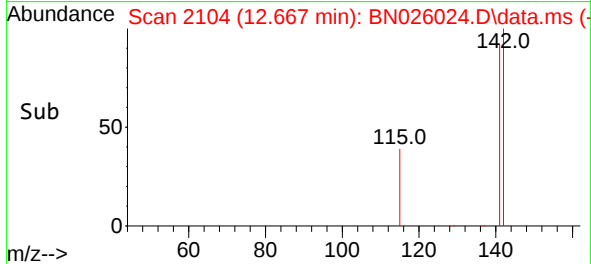
Instrument :
BNA_N
ClientSampleId :
DCFQ4RE



Tgt Ion:142 Resp: 944
Ion Ratio Lower Upper
142 100
141 87.0 74.2 111.4

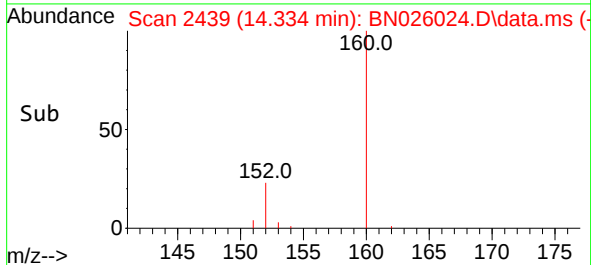
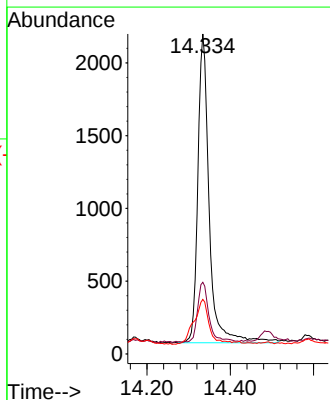
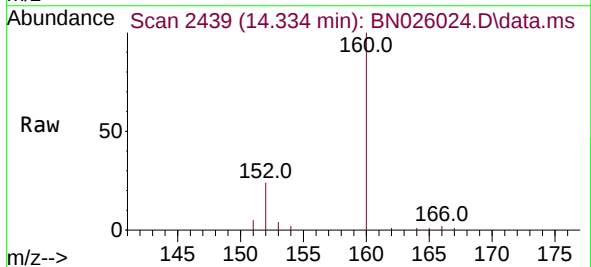
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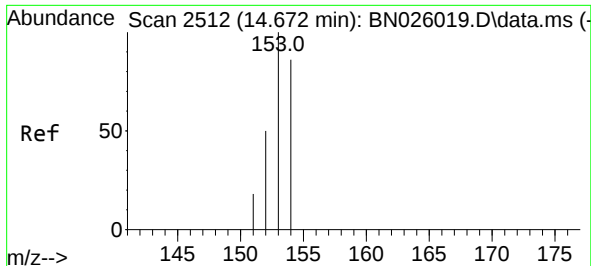
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

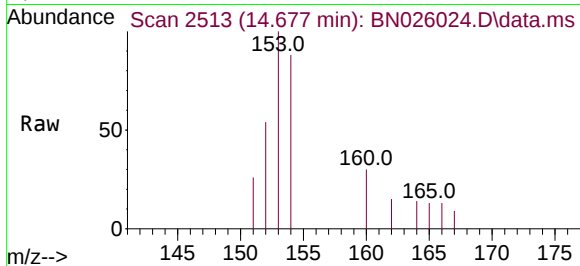
Tgt Ion:152 Resp: 4010
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.4
153 17.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.677 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

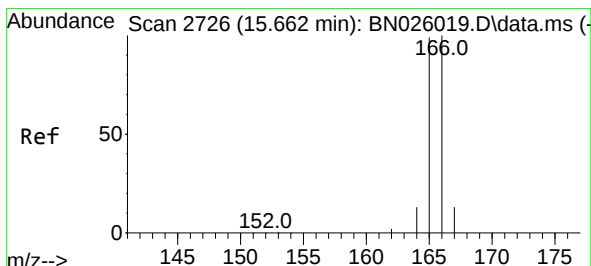
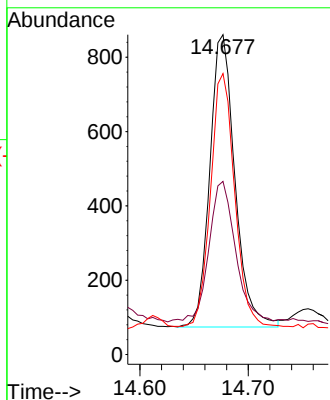
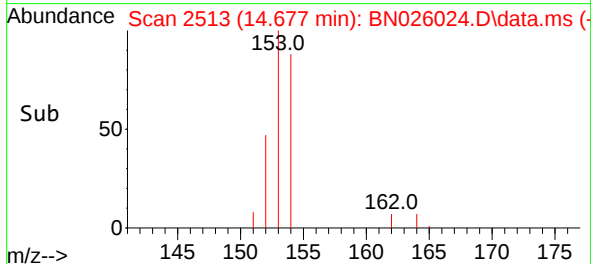
Instrument :
BNA_N
ClientSampleId :
DCFQ4RE



Tgt Ion:153 Resp: 127
Ion Ratio Lower Upper
153 100
152 54.1 39.4 59.0
154 87.8 68.9 103.3

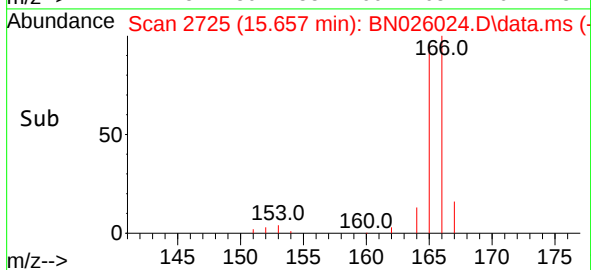
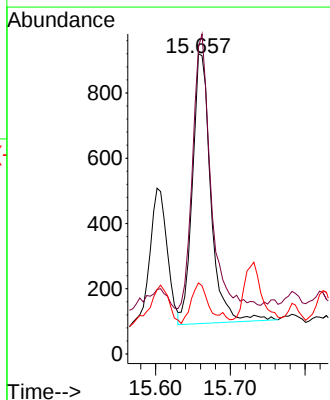
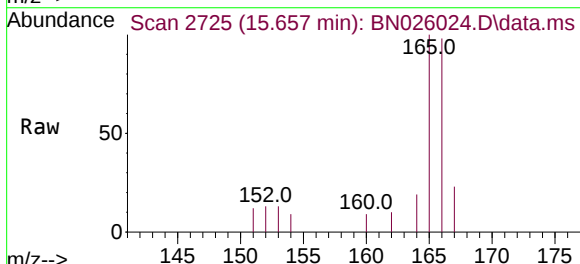
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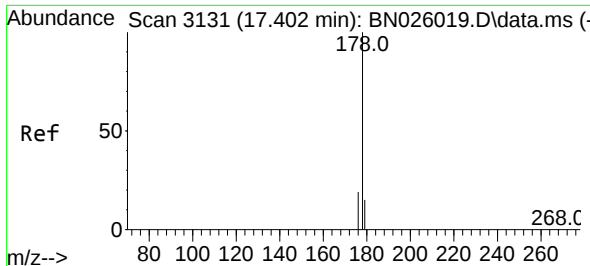
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.657 min Scan# 2725
Delta R.T. -0.009 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

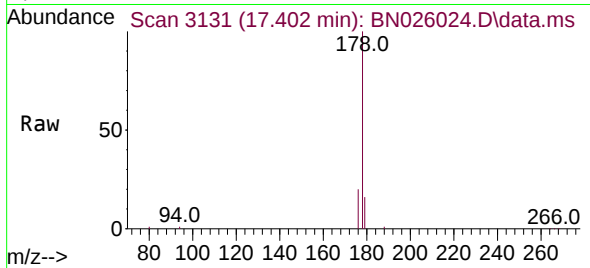
Tgt Ion:166 Resp: 1411
Ion Ratio Lower Upper
166 100
165 102.2 79.9 119.9
167 23.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.471 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

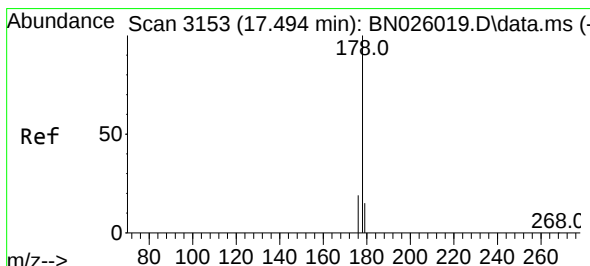
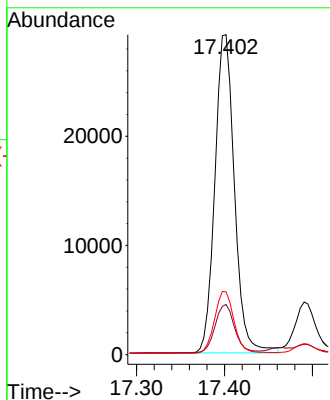
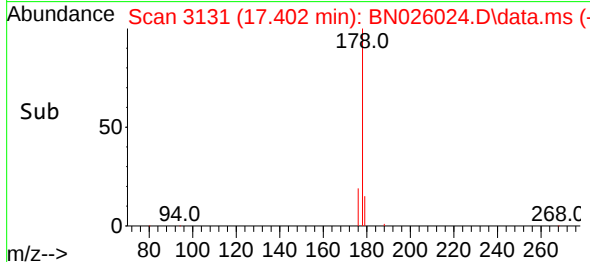
Instrument :
BNA_N
ClientSampleId :
DCFQ4RE



Tgt Ion:178 Resp: 45187
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 15.8 23.6

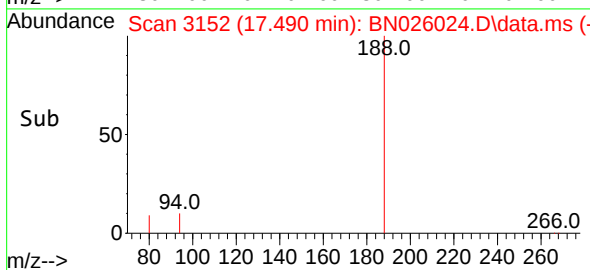
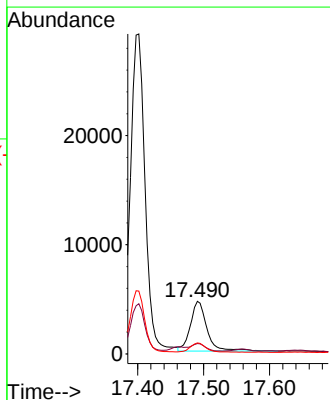
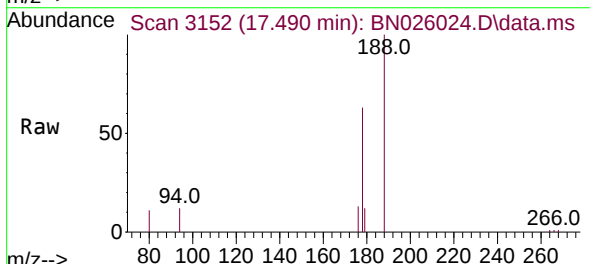
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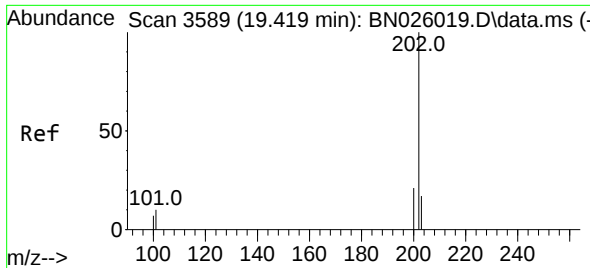
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.094 ng/ul
RT: 17.490 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

Tgt Ion:178 Resp: 7991
Ion Ratio Lower Upper
178 100
179 19.5 12.6 18.8#
176 20.8 15.1 22.7





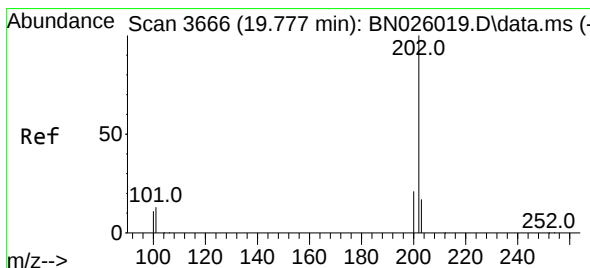
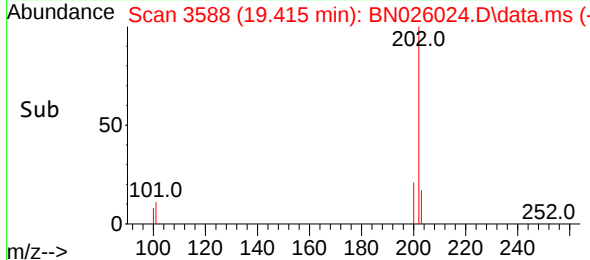
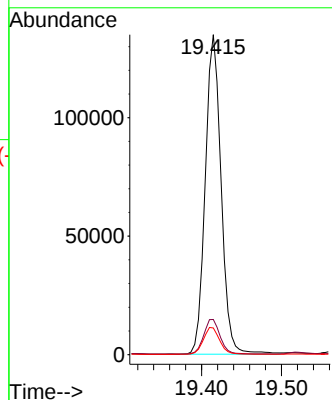
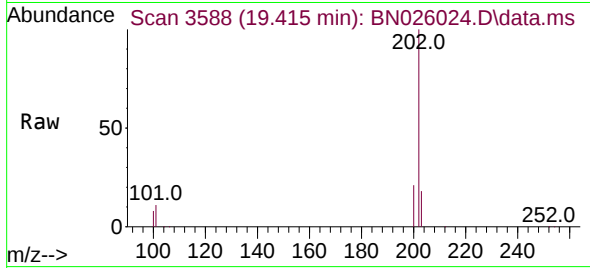
#19
Fluoranthene
Concen: 1.772 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

Instrument :
BNA_N
ClientSampleId :
DCFQ4RE

Tgt Ion:202 Resp: 185806
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.3 7.3 10.9

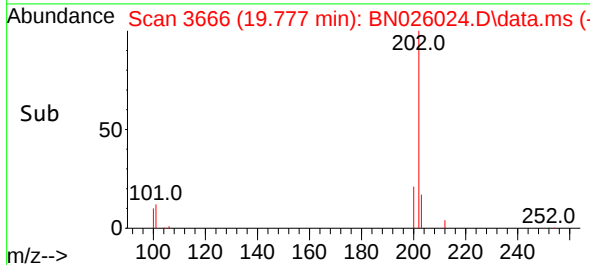
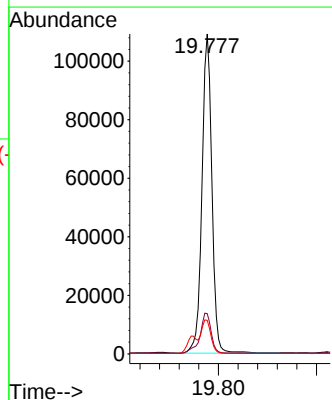
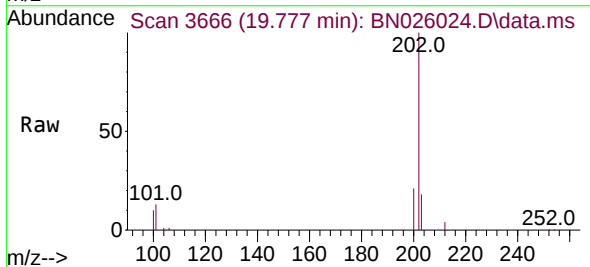
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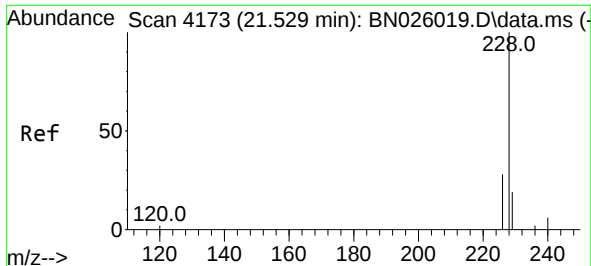
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#20
Pyrene
Concen: 1.404 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

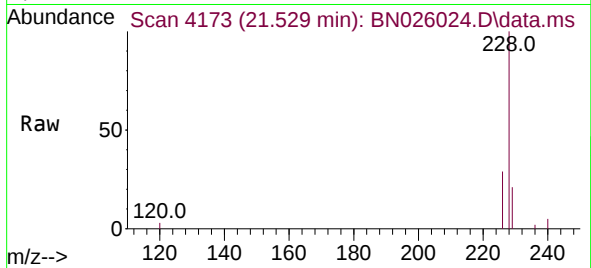
Tgt Ion:202 Resp: 153188
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.847 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

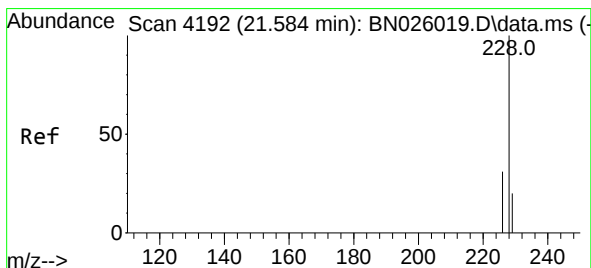
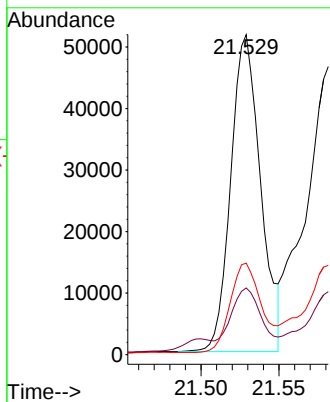
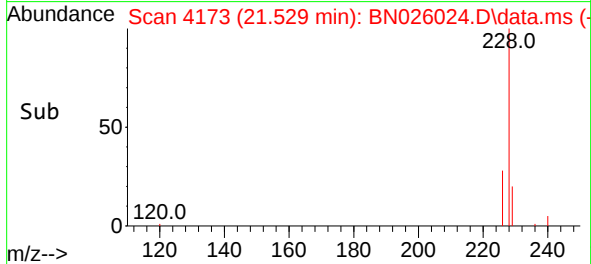
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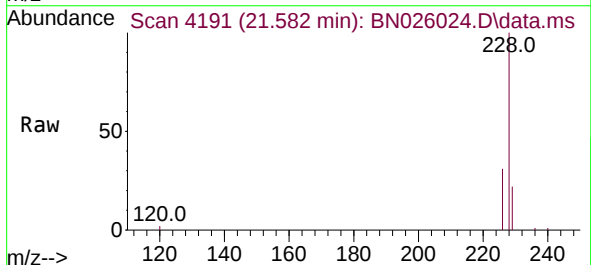
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Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.6 22.5 33.7

Manual Integrations
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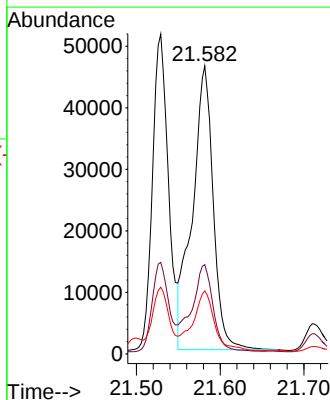
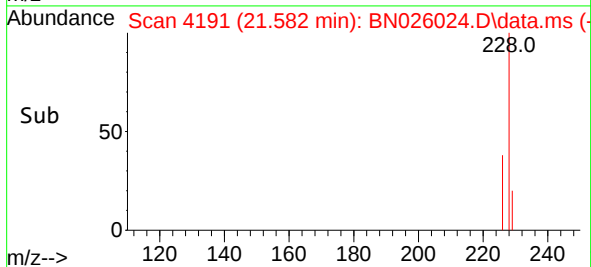
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

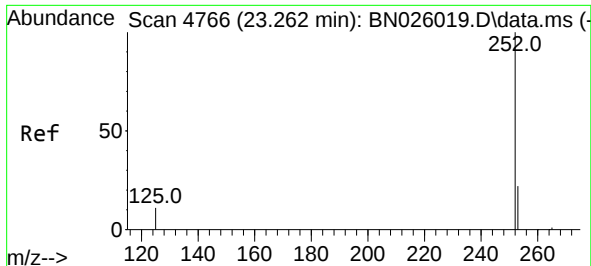


#22
Chrysene
Concen: 0.951 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19



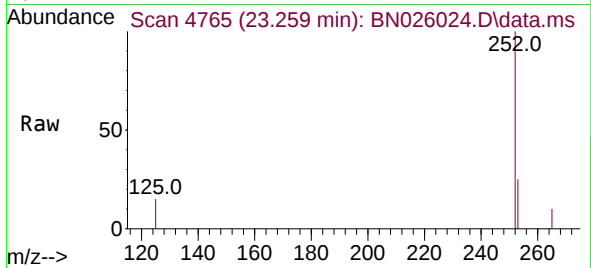
Tgt Ion:228 Resp: 80185
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.526 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

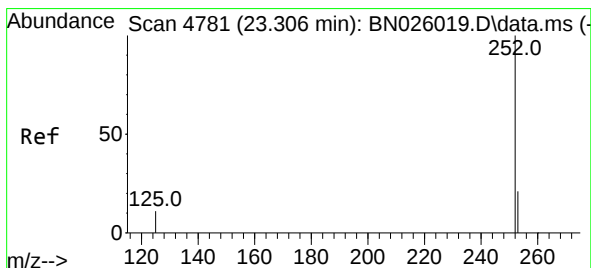
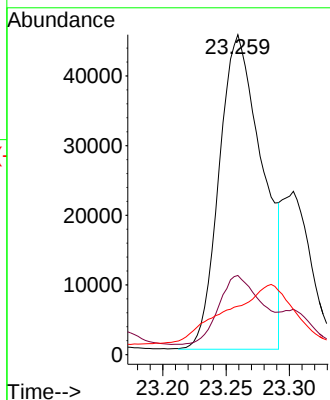
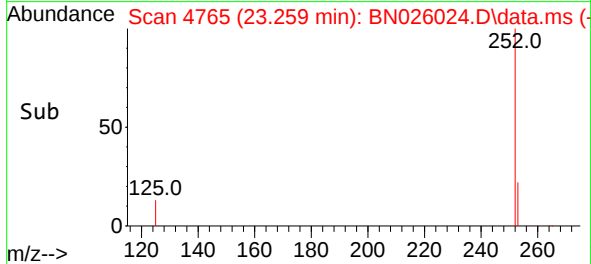
Instrument :
BNA_N
ClientSampleId :
DCFQ4RE



Tgt Ion:252 Resp: 107076
Ion Ratio Lower Upper
252 100
253 24.7 0.0 55.6
125 15.1 0.0 35.8

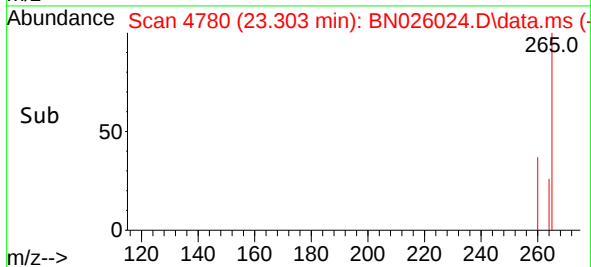
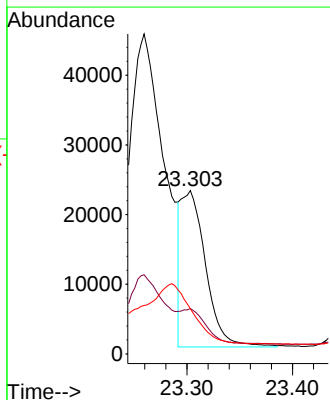
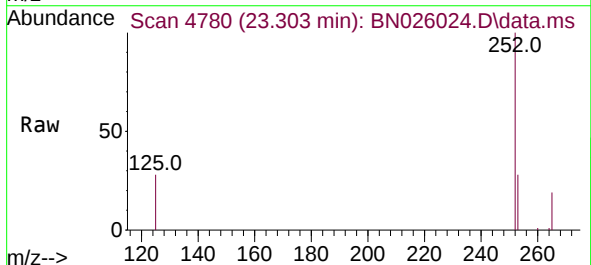
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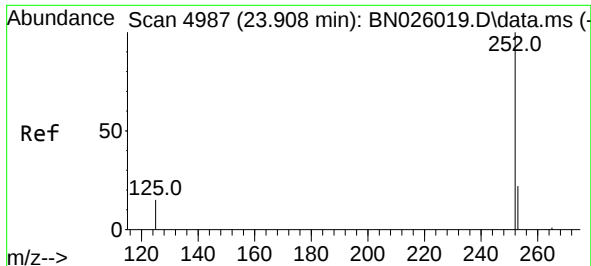
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.518 ng/ul m
RT: 23.303 min Scan# 4780
Delta R.T. -0.006 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

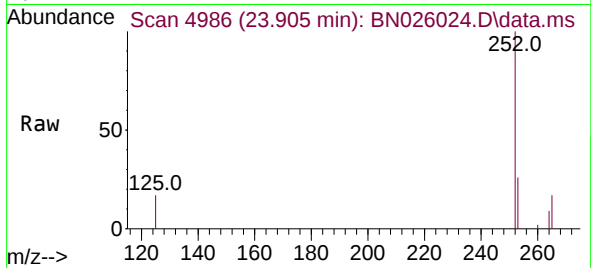
Tgt Ion:252 Resp: 36476
Ion Ratio Lower Upper
252 100
253 27.8 23.2 34.8
125 27.7 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.985 ng/ul
RT: 23.905 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

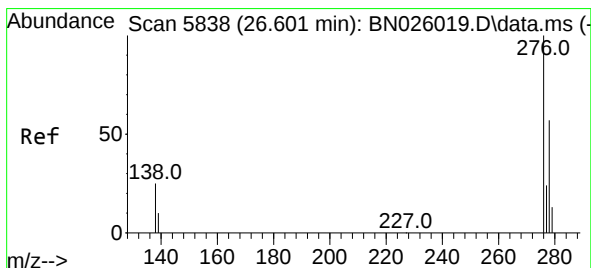
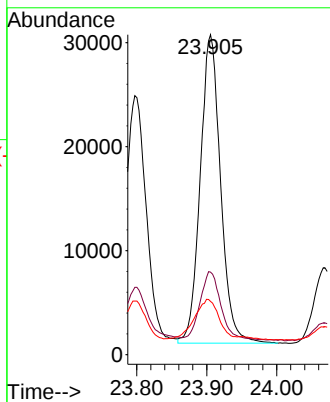
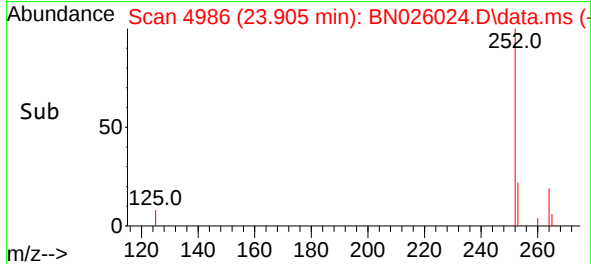
Instrument :
BNA_N
ClientSampleId :
DCFQ4RE



Tgt Ion:252 Resp: 59997
Ion Ratio Lower Upper
252 100
253 25.8 26.0 39.0
125 16.6 17.3 25.9

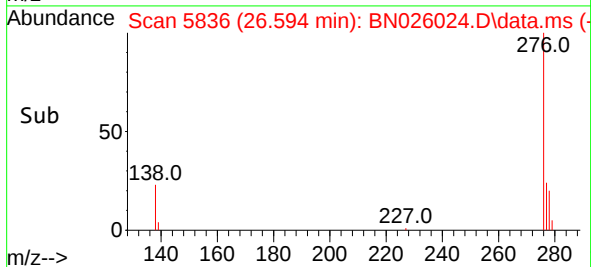
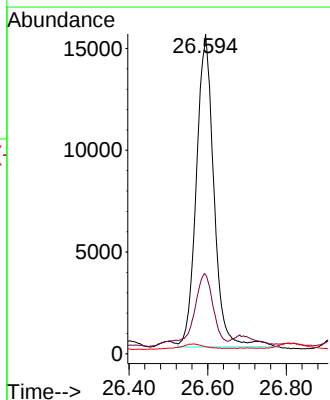
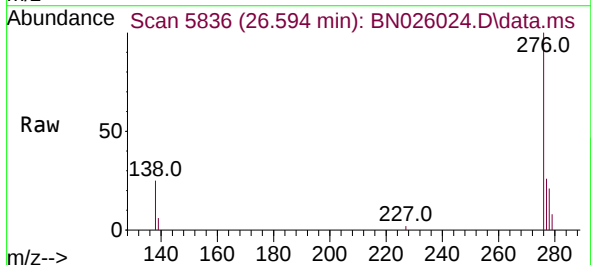
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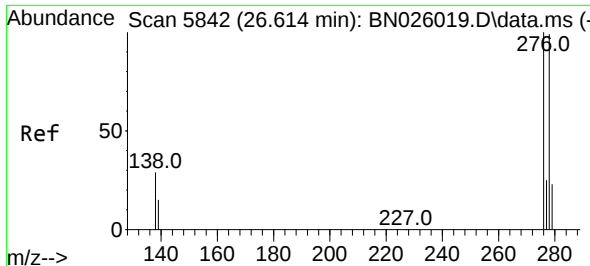
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.716 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.000 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

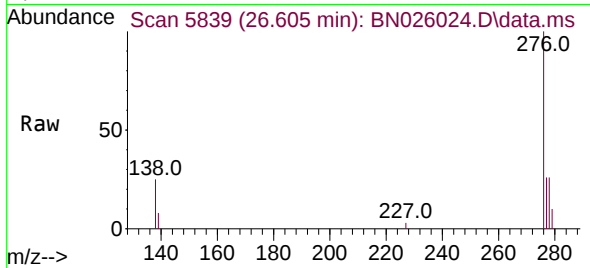
Tgt Ion:276 Resp: 47657
Ion Ratio Lower Upper
276 100
138 26.4 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 26.605 min Scan# 5842
Delta R.T. -0.017 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19

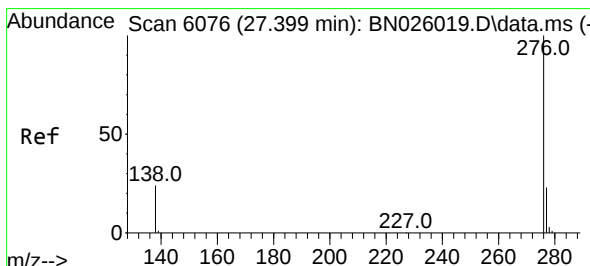
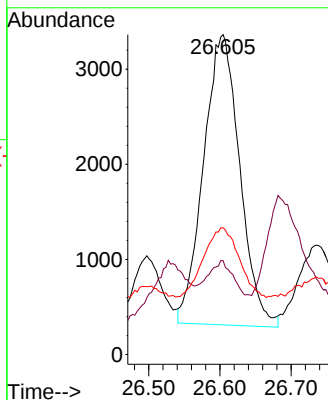
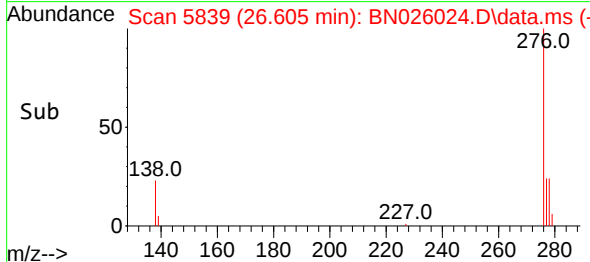
Instrument :
BNA_N
ClientSampleId :
DCFQ4RE



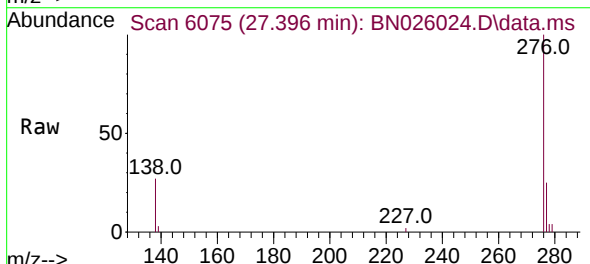
Tgt Ion:278 Resp: 1078
Ion Ratio Lower Upper
278 100
139 29.3 19.0 28.4
279 39.6 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 0.739 ng/ul
RT: 27.396 min Scan# 6075
Delta R.T. 0.010 min
Lab File: BN026024.D
Acq: 26 Jun 2023 13:19



Tgt Ion:276 Resp: 43743
Ion Ratio Lower Upper
276 100
138 27.1 23.4 35.0
277 24.9 20.0 30.0

