

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026182.D
 Acq On : 02 Jul 2023 10:52
 Operator : MA/JU
 Sample : 03247-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 11:39:42 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	9100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	29190	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.597	164	17873	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	34723	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	18631	0.400	ng/ul	# 0.00
23) Perylene-d12	24.001	264	18317	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	26770	2.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	8997	0.200	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	17196	0.243	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.813	128	41347	0.494	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	36072	0.677	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	25100	0.455	ng/ul	100
10) Acenaphthylene	14.315	152	70280	0.840	ng/ul	99
11) Acenaphthene	14.658	153	7317	0.107	ng/ul	96
12) Fluorene	15.643	166	7885	0.100	ng/ul#	89
15) Phenanthrene	17.384	178	265522	2.315	ng/ul	100
16) Anthracene	17.477	178	70978	0.696	ng/ul	98
19) Fluoranthene	19.400	202	695427	6.988	ng/ul	99
20) Pyrene	19.767	202	602201	5.818	ng/ul	95
21) Benzo(a)anthracene	21.516	228	309021	4.021	ng/ul	97
22) Chrysene	21.569	228	368708	4.610	ng/ul#	94
24) Benzo(b)fluoranthene	23.247	252	547704m	7.006	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	182155m	2.320	ng/ul	
26) Benzo(a)pyrene	23.896	252	307045	4.522	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.587	276	254728	3.435	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.587	278	63248	1.127	ng/ul	98
29) Benzo(g,h,i)perylene	27.388	276	249046	3.775	ng/ul	94

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

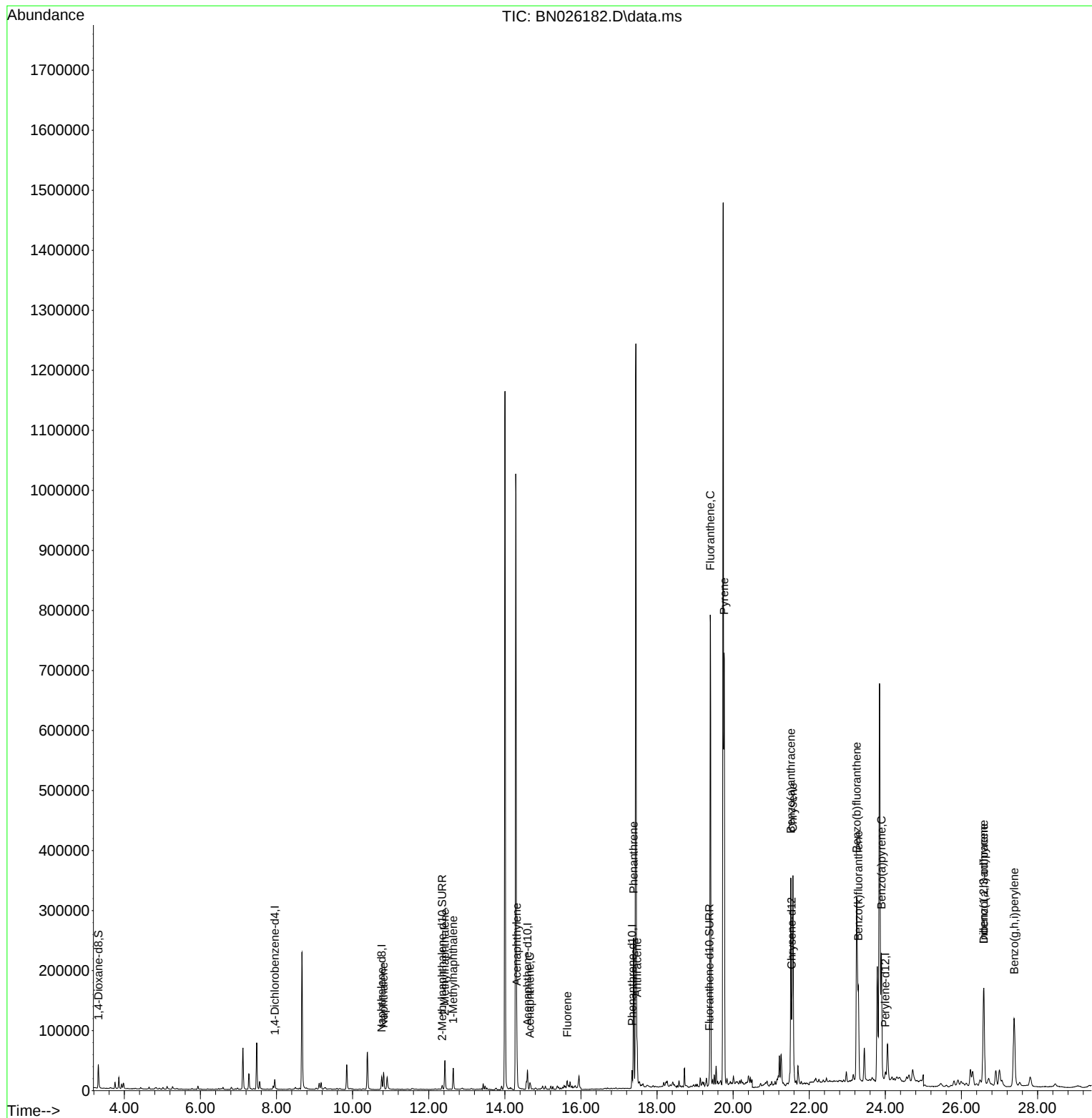
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026182.D
Acq On : 02 Jul 2023 10:52
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Sample : 03247-04
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ALS Vial : 39 Sample Multiplier: 1

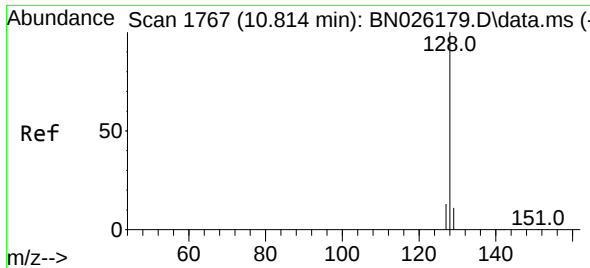
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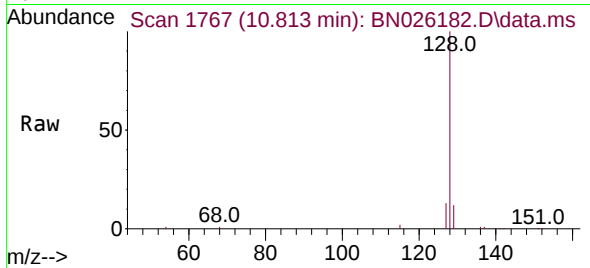
Quant Time: Jul 02 11:39:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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#5
Naphthalene
Concen: 0.494 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

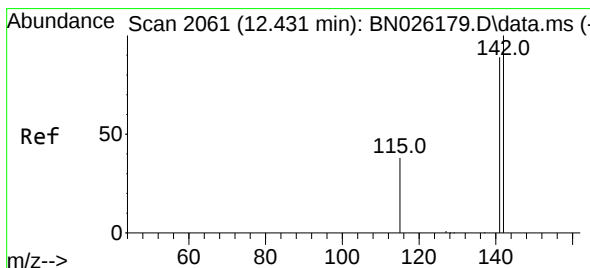
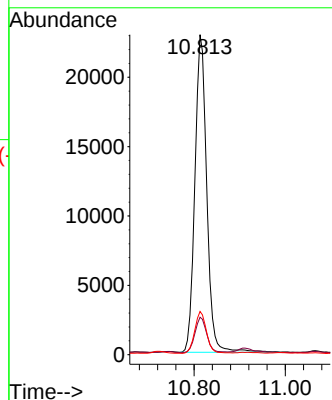
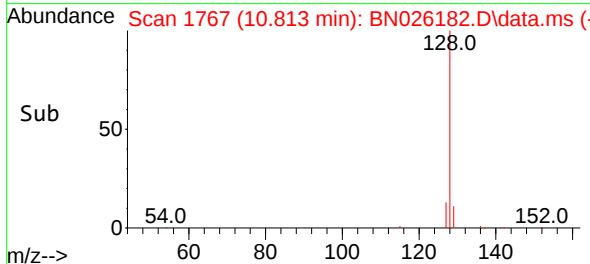
Instrument :
BNA_N
ClientSampleId :
DCGL0



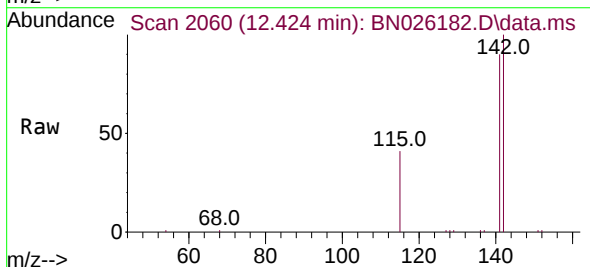
Tgt Ion:128 Resp: 4134
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.5 10.7 16.1

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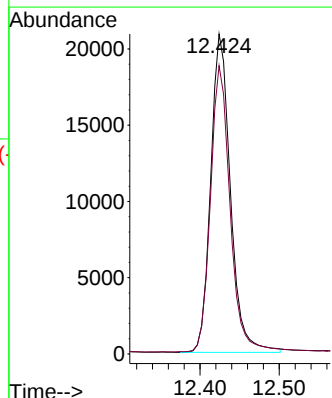
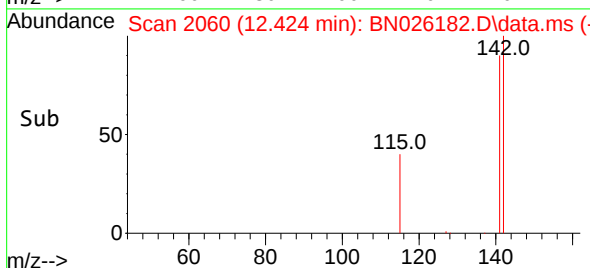
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

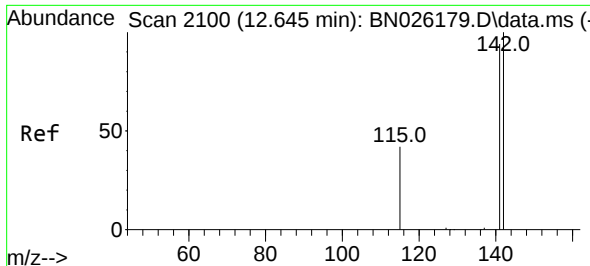


#7
2-Methylnaphthalene
Concen: 0.677 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.012 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52



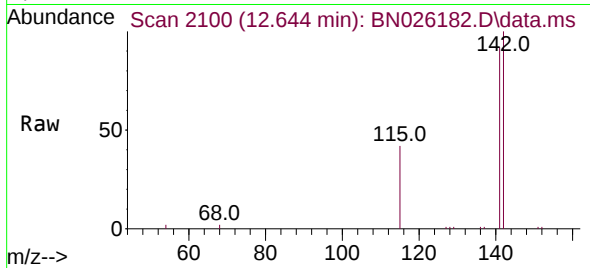
Tgt Ion:142 Resp: 36072
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.007 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

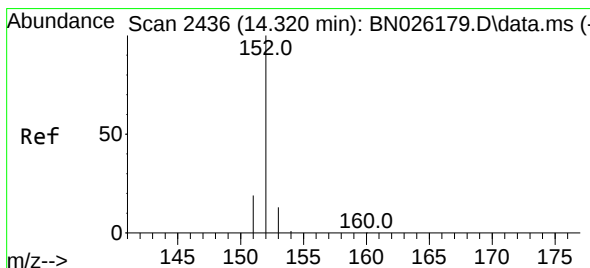
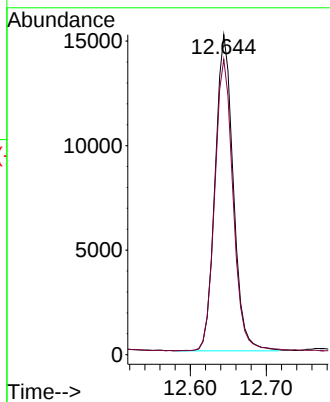
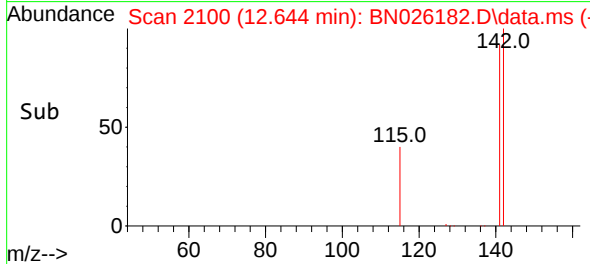
Instrument :
BNA_N
ClientSampleId :
DCGL0



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Ion Ratio Lower Upper
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141 93.0 74.2 111.4

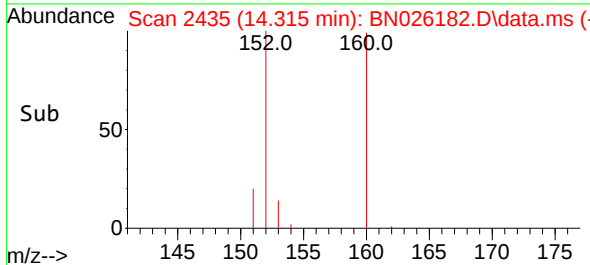
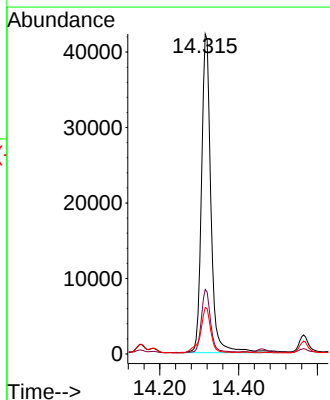
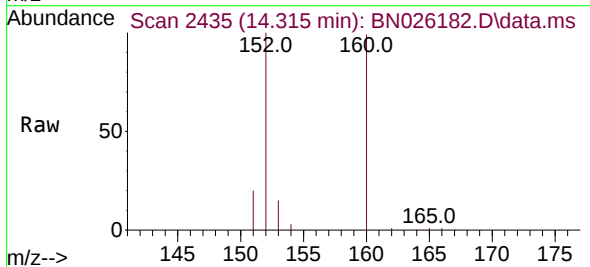
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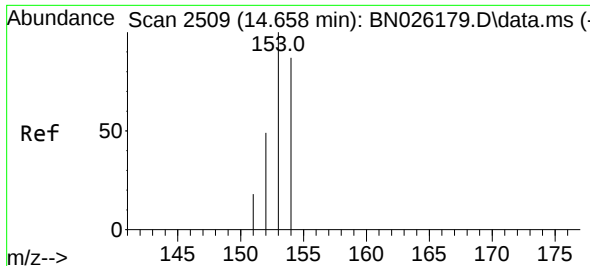
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.840 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

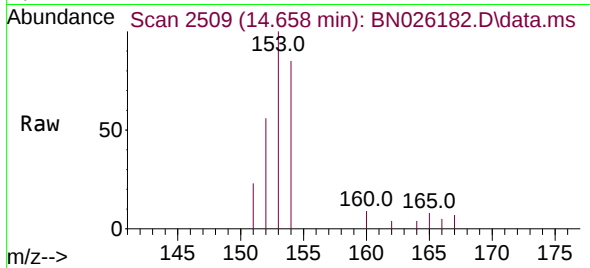
Tgt Ion:152 Resp: 70280
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.5 10.9 16.3





#11
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

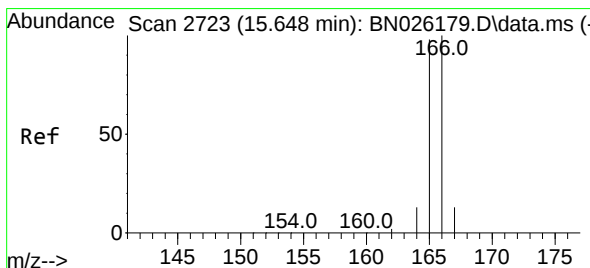
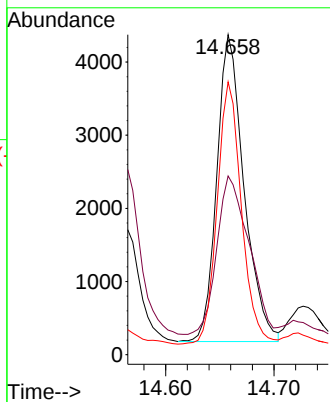
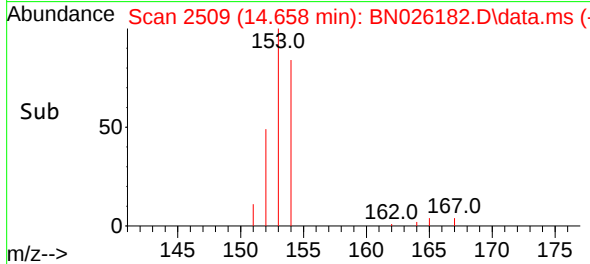
Instrument :
BNA_N
ClientSampleId :
DCGL0



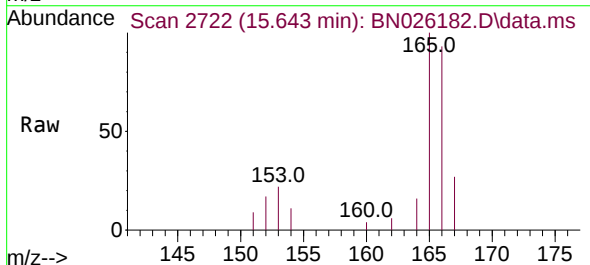
Tgt Ion:153 Resp: 7317
Ion Ratio Lower Upper
153 100
152 55.8 39.4 59.0
154 85.2 68.9 103.3

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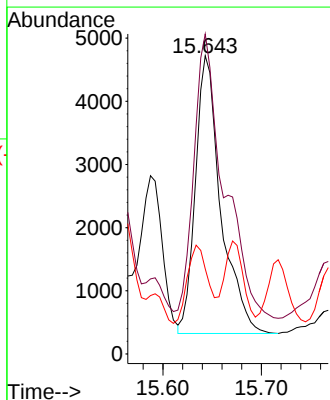
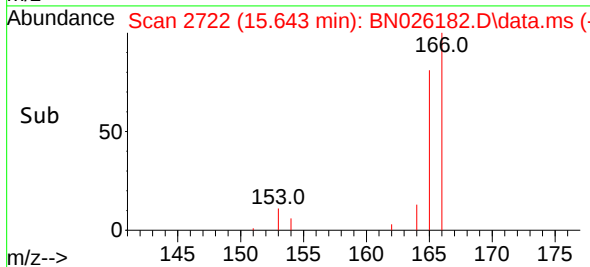
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

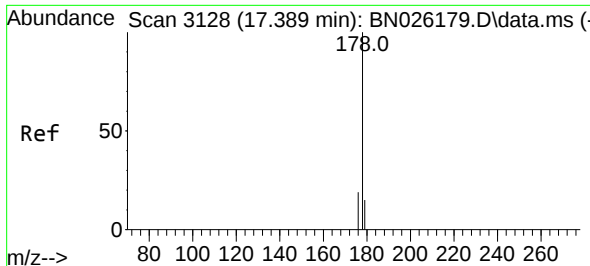


#12
Fluorene
Concen: 0.100 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52



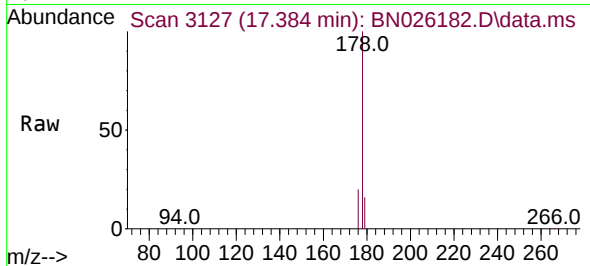
Tgt Ion:166 Resp: 7885
Ion Ratio Lower Upper
166 100
165 107.3 79.9 119.9
167 28.6 10.8 16.2#





#15
Phenanthrene
Concen: 2.315 ng/u1
RT: 17.384 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

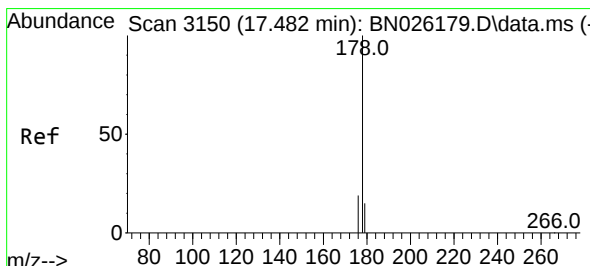
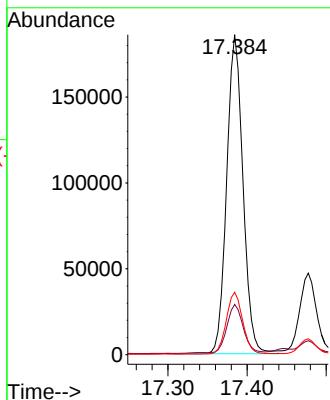
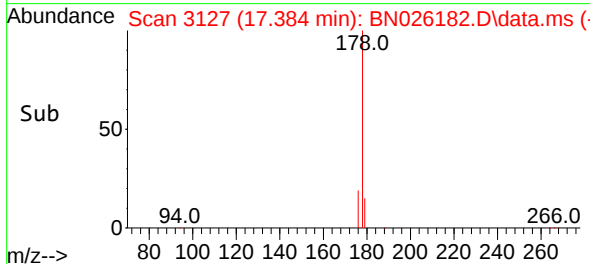
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BNA_N
ClientSampleId :
DCGL0



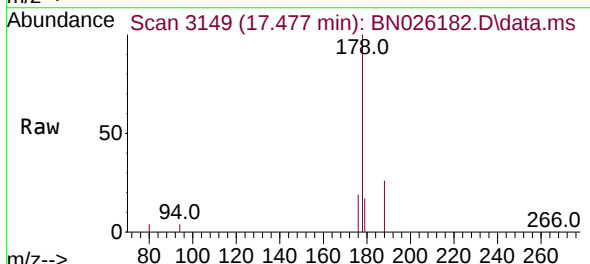
Tgt Ion:178 Resp: 26552
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.5 15.8 23.6

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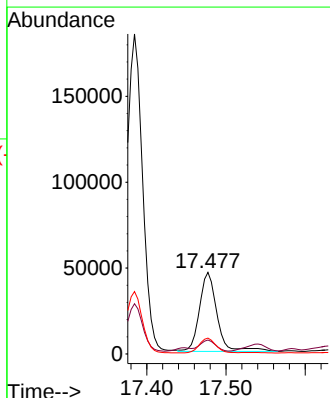
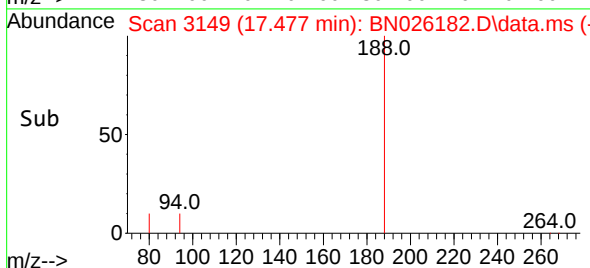
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

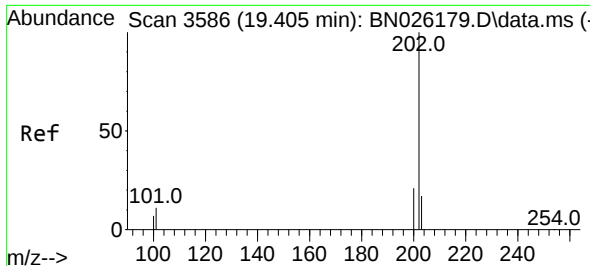


#16
Anthracene
Concen: 0.696 ng/u1
RT: 17.477 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52



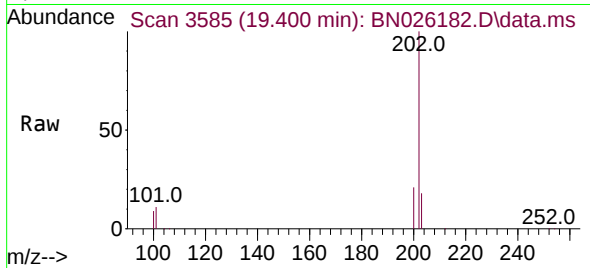
Tgt Ion:178 Resp: 70978
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.4 15.1 22.7





#19
Fluoranthene
Concen: 6.988 ng/u1
RT: 19.400 min Scan# 3586
Delta R.T. -0.011 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

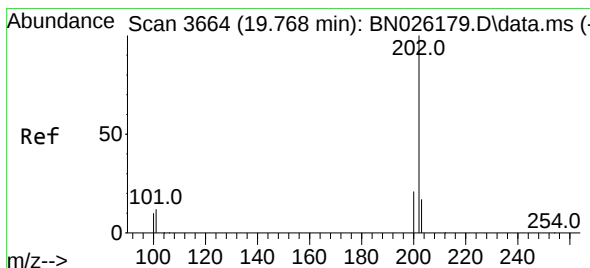
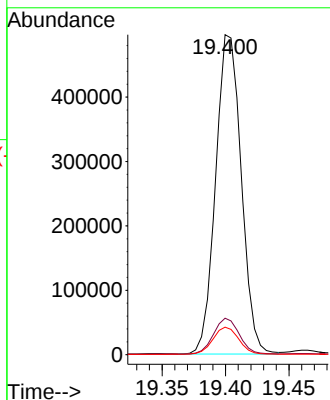
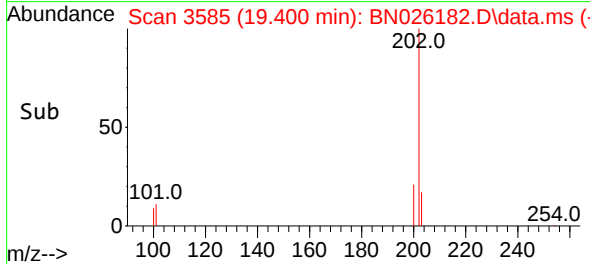
Instrument :
BNA_N
ClientSampleId :
DCGL0



Tgt Ion:202 Resp: 69542
Ion Ratio Lower Upper
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101 11.4 9.5 14.3
100 8.6 7.3 10.9

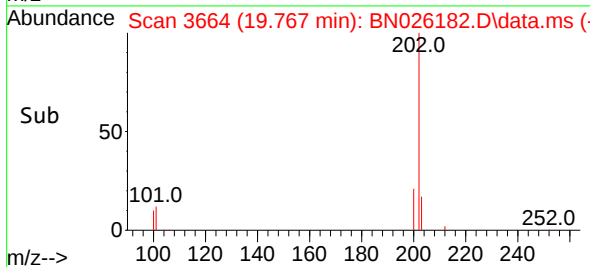
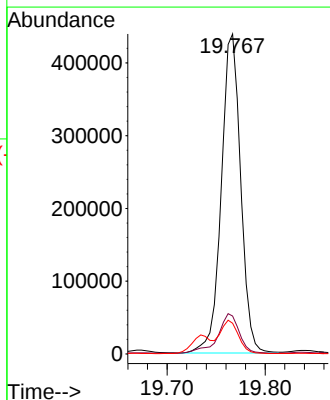
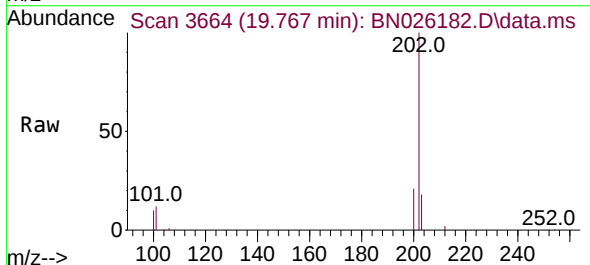
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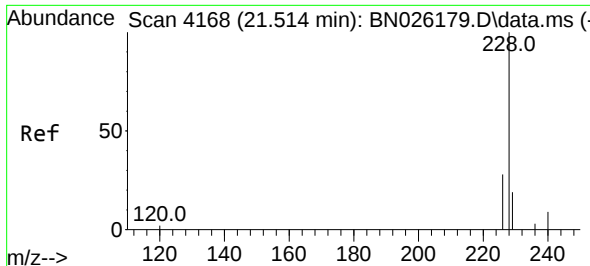
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#20
Pyrene
Concen: 5.818 ng/u1
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

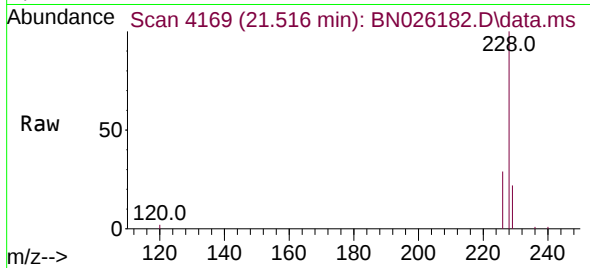
Tgt Ion:202 Resp: 602201
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 9.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.021 ng/ul
RT: 21.516 min Scan# 4168
Delta R.T. -0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

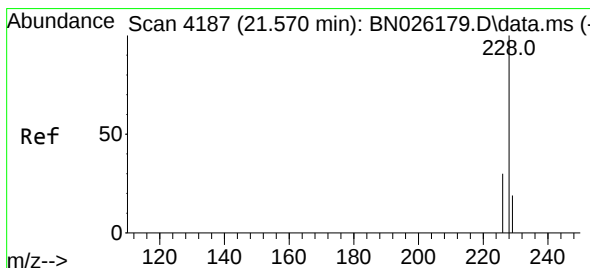
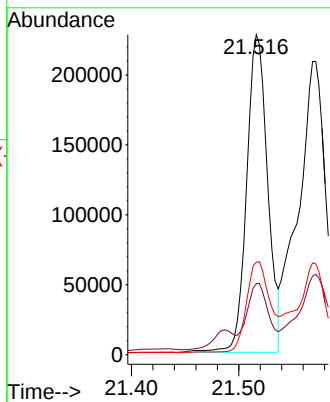
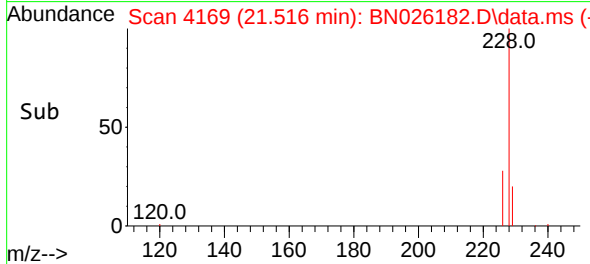
Instrument :
BNA_N
ClientSampleId :
DCGL0



Tgt Ion:228 Resp: 30902
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 28.9 22.5 33.7

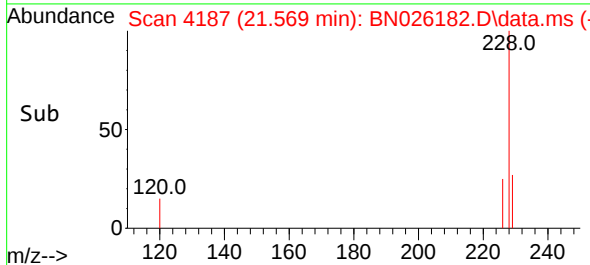
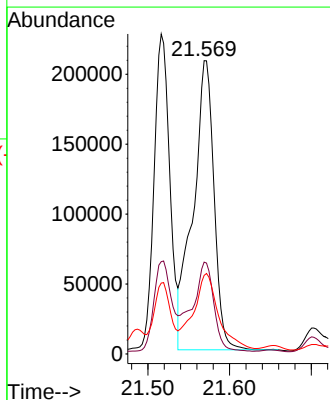
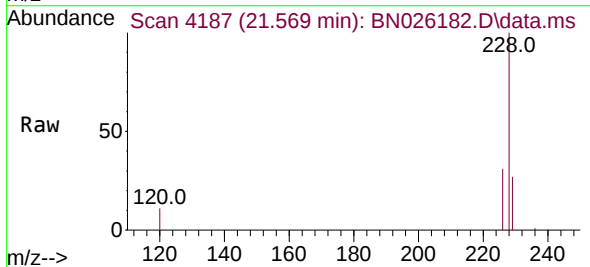
Manual Integrations
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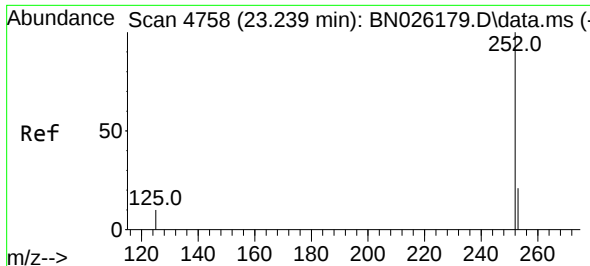
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#22
Chrysene
Concen: 4.610 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

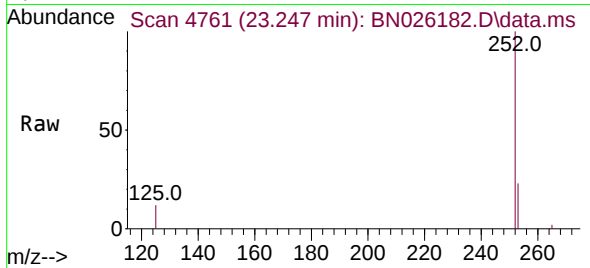
Tgt Ion:228 Resp: 368708
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 26.8 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 7.006 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.004 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

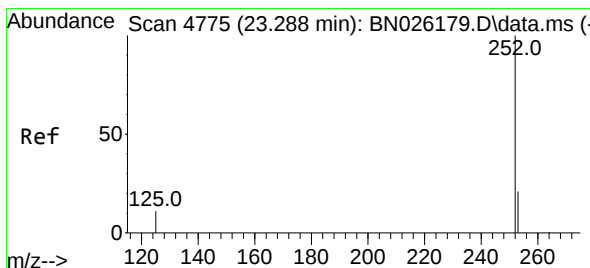
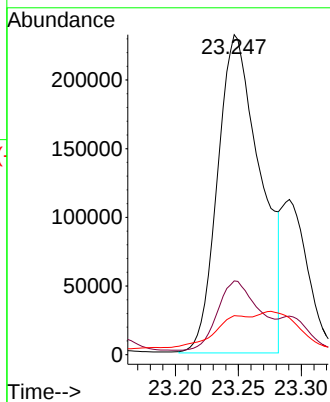
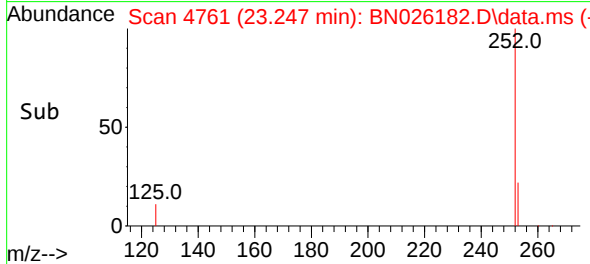
Instrument :
BNA_N
ClientSampleId :
DCGL0



Tgt Ion:252 Resp: 547704
Ion Ratio Lower Upper
252 100
253 23.1 0.0 55.6
125 12.2 0.0 35.8

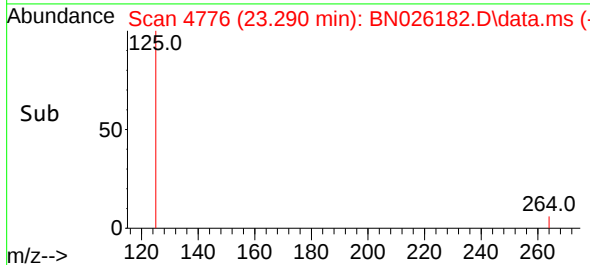
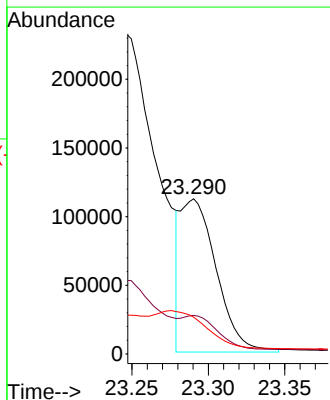
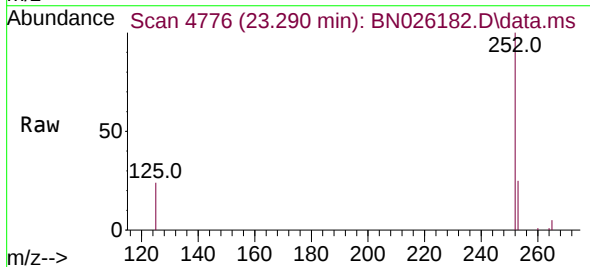
Manual Integrations
APPROVED

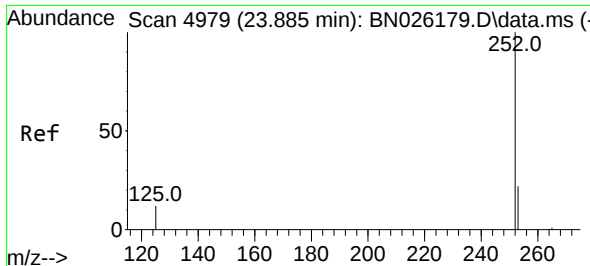
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#25
Benzo(k)fluoranthene
Concen: 2.320 ng/ul m
RT: 23.290 min Scan# 4776
Delta R.T. -0.002 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

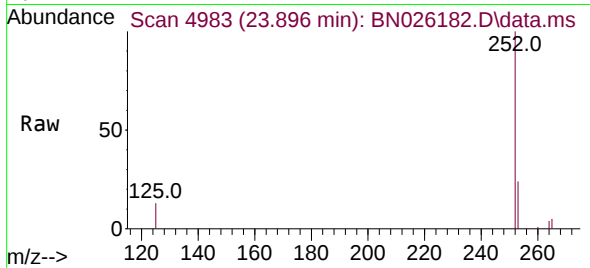
Tgt Ion:252 Resp: 182155
Ion Ratio Lower Upper
252 100
253 24.9 23.2 34.8
125 23.7 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 4.522 ng/ul
RT: 23.896 min Scan# 4983
Delta R.T. 0.010 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

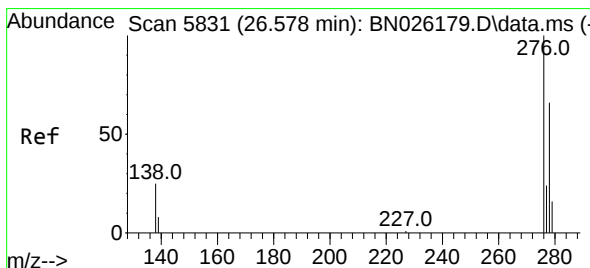
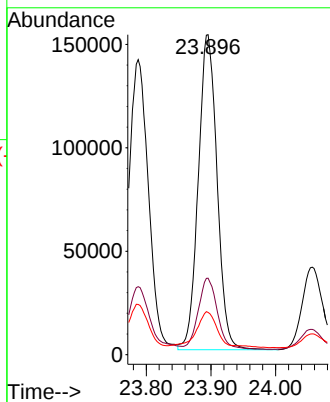
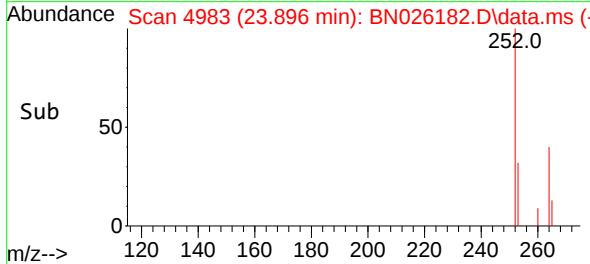
Instrument :
BNA_N
ClientSampleId :
DCGL0



Tgt Ion:252 Resp: 307045
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0
125 13.2 17.3 25.9

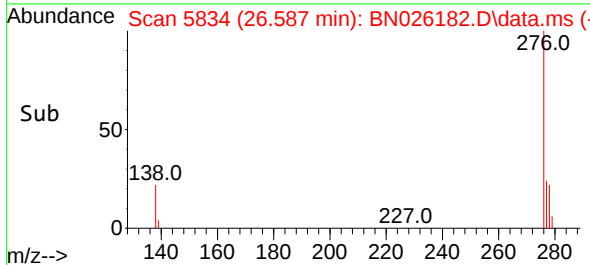
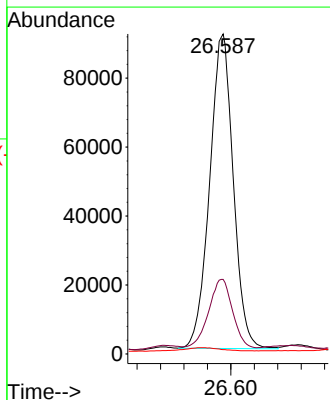
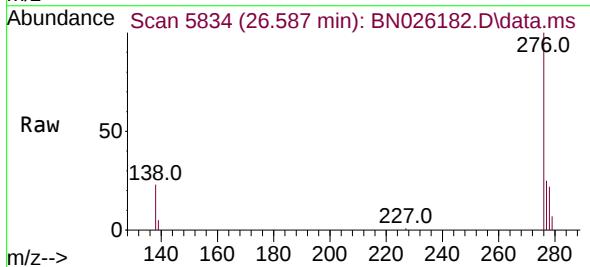
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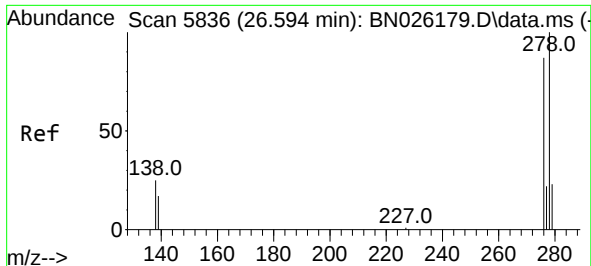
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.435 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. 0.029 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

Tgt Ion:276 Resp: 254728
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7
227 0.0 0.0 0.0





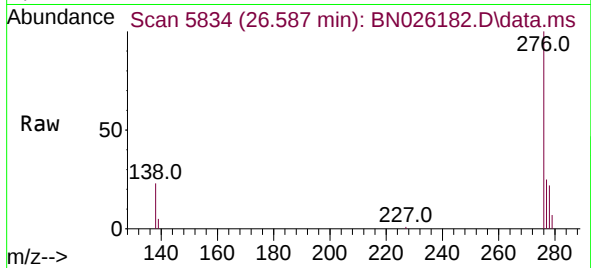
#28
Dibenzo(a,h)anthracene
Concen: 1.127 ng/ul
RT: 26.587 min Scan# 5836
Delta R.T. 0.008 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52

Instrument :

BNA_N

ClientSampleId :

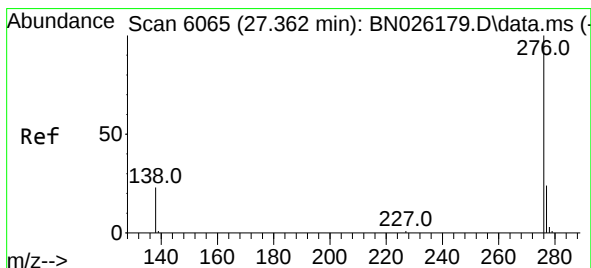
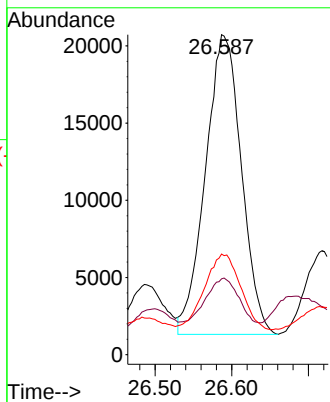
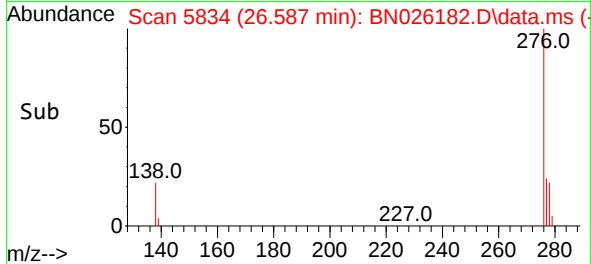
DCGL0



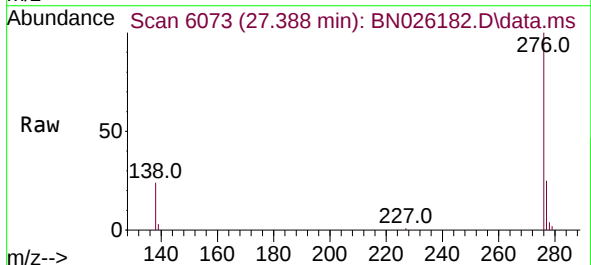
Tgt Ion:278 Resp: 6324
Ion Ratio Lower Upper
278 100
139 23.7 19.0 28.4
279 31.5 26.7 40.1

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Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 3.775 ng/ul
RT: 27.388 min Scan# 6073
Delta R.T. 0.042 min
Lab File: BN026182.D
Acq: 02 Jul 2023 10:52



Tgt Ion:276 Resp: 249046
Ion Ratio Lower Upper
276 100
138 23.8 23.4 35.0
277 24.7 20.0 30.0

